

ECHO
Outdoor Power Equipment

www.echo-usa.com



2008

MASTER PRODUCTS CATALOG



Ask any landscape pro or arborist, "Who makes the most powerful and dependable outdoor power equipment?" and they'll say, "ECHO" and "ECHO Bear Cat".

ECHO Incorporated was founded in Northbrook, IL, in 1972 as Kioritz Corporation of America and established under its present name in 1978, moving to Lake Zurich, IL in 1985. ECHO originally imported high-performance 2-stroke engines and 2-stroke, engine-powered handheld products for Kioritz Corporation of Japan. Over time, ECHO developed engineering and manufacturing techniques that became the impetus for the company's advancement.

Today, ECHO continues to manufacture high performance, handheld outdoor power equipment for industry professionals and discerning homeowners and is the technological innovator in the industry. ECHO is the only 2-stroke engine-producing company that possesses all

manufacturing capability in-house. Using only commercial-grade components, ECHO equipment is certified to the EPA's highest engine emission durability rating available - 300 hours. That means the ECHO products in your tool trailer or garage will last and last, well beyond those of competitive brands who cannot achieve similar ratings.

And with the acquisition of Bear Cat Chippers and Chipper/Shredders, ECHO and ECHO Bear Cat are the industry's most reliable source for the best in tree care equipment. Through unparalleled engineering standards and patented manufacturing techniques, ECHO and ECHO Bear Cat will remain the industry leaders... just ask any pro!



WHO IS ECHO? ASK ANY PRO

INDUSTRY FIRSTS

Innovation, Not Imitation... ECHO has been a leader in the industry for over 30 years and has consistently been the technological innovator – never the product imitator. ECHO industry firsts include, among others, the following developments:

- 1950 - Knapsack Backpack Duster
- 1955 - Knapsack Power Duster/Mist Blower
- 1960 - Backpack Brushcutter
- 1966 - Straight Shaft Brushcutter
- 1969 - Brushcutter with All Position Carburetor
- 1975 - DM9 Backpack Power Blower
- 1977 - 2-Stroke Engine Powered String Trimmer
- 1978 - Handheld Power Blower
- 1981 - 2-Cyl. Opposed Chain Saw

Timeline of ECHO products:

- 1950: Knapsack Backpack Duster
- 1960: Backpack Brushcutter
- 1970: Straight Shaft Brushcutter
- 1975: DM9 Backpack Power Blower
- 1977: 2-Stroke Engine Powered String Trimmer
- 1978: Handheld Power Blower
- 1981: 2-Cyl. Opposed Chain Saw
- 1985: ECHO logo
- 1988: ECHO logo

5 year Consumer Warranty

5 YEAR CONSUMER WARRANTY

ECHO Outdoor Power Equipment is the best built in the industry and now ECHO is putting its money where its manufacturing is and offering a 5-YEAR CONSUMER WARRANTY on all engine-driven products. Visit www.echo-usa.com/5year to learn more. There are also components of every model that carry a lifetime warranty. Details can be found in the respective product sections throughout this catalog.



- 1990 - Curved Shaft Power Edger
- 1990 - Articulating Brushcutter Hedge Clipper
- 1992 - Split Boom Trimmer Pro Attachment
- 1992 - Shred 'N' Vac®
- 2002 - Rapid-Loader™ Trimmer Head
- 2002 - i-start™ Starting Technology
- 2006 - Mosquito YardShield™
- 2006 - Bear Cat Acquisition
- 2007 - 5 Year Consumer Warranty
- 2007 - U Turn™ Trimmer Head

1990

2000

2010



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ECHO ADVANTAGES AND PRODUCT ICON EXPLANATIONS

ECHO has proven time and time again that it is the technological innovator in the outdoor power equipment industry. The following product advantages are ECHO exclusives, and each one is designed and engineered into the most reliable and highest certified equipment available. Look for the following icons referenced on individual models throughout the catalog.

Power Boost™ Engine Technology

Many in the industry said a 2-stroke engine couldn't be designed that would meet EPA and CARB emissions standards and still provide the performance demanded by commercial landscapers. ECHO's Power Boost™ Tornado engine technology proved them wrong. With this engine, you get tomorrow's technology today – without compromise. All Power Boost Tornado™ engine products are backed by the industry's most rock solid warranty and carry 300-hour useful life ratings.



i-start™ Starting Technology

The i-start™ family of starting technologies leads the industry in reducing starting effort. These patented systems are available on a variety of ECHO products. The revolutionary i-75™ system reduces the effort normally required to pull-start the engine by over 75%! And i-30™ starting technology reduces starting effort by 30%. You will appreciate the simplicity and ease of use that i-75™ and i-30™ deliver start after start.



Power Boost Vortex™

Power Boost Vortex™ is the latest in the long line of ECHO's engine achievements. Unheard-of clearance tolerances are enabled through patented machining techniques, thereby taking 2-stroke engine design to even greater efficiency and performance. These engines feature unsurpassed friction reduction, unrivaled heat dissipation, and incomparable acceleration. And, like every 2-stroke engine, a Power Boost Vortex™ engine doesn't require oil changes or valve adjustments. It doesn't have the additional weight associated with other engine technologies, and it burns fuel more cleanly and more efficiently. The ingenuity is Low Friction Technology, and the innovation is Power Boost Vortex™.

Rapid-Loader™ RAPID-LOADER™

Tired of the frustration that occurs from winding trimmer line? With Rapid-Loader™, there's no more mess or fuss. Just insert pre-cut sections of line into the trimmer head and you're ready to go. Rapid-Loader™ heads are available in two-line and three-line configurations and will accept line diameters from .095" to .130" for engine models under 25 cc and up to .155" for engine models over 25 cc. Available for all ECHO Trimmers and most non-ECHO trimmers, Rapid-Loader™ makes line changes "lightning fast!"



G-Force Engine Air Pre-Cleaner™

The G-Force Engine Air Pre-Cleaner™ is available on select ECHO chain saws. Before entering the air filter, engine air is spun around and around eliminating dirt and debris. This flow of air causes cleaner air to pass through the filter thereby increasing maintenance intervals and creating a longer-lasting engine. A longer-lasting engine means a longer-lasting product.



300-HOUR RATED PRODUCTS

When you buy a premium brand, you expect professional-grade performance. Is that what you're getting? Everybody thought EPA emission requirements for 2005 and beyond would be the death of 2-stroke engines...FICTION. ECHO engines carry an 'A' category rating and are certified with the EPA to their highest useful life* rating of 300 hours...FACT. What does the label on the other equipment in your tool trailer or garage say? Don't be confused by manufacturers who claim to produce professional-grade products, but rate their engines to the same 50 hours as disposable consumer products. ECHO delivers the highest level of useful life in every product. It's a FACT.

*EPA uses the term "useful life," which is defined as "...when engine performance deteriorates to the point where usefulness and/or reliability is impacted to a degree sufficient to necessitate overhaul or replacement..." (U.S. Government, Code of Federal Regulations, Vol. 40, Chapter 1, Sec. 90.105, par. 5, §ii)

RazorEdge™ Hedge Trimmer Blades RAZOR EDGE™

ECHO's advantages aren't solely related to engine technologies. The RazorEdge™ blades are the sharpest and longest lasting around. The blades are precision-ground and laser cut for the ultimate sharpness resulting in quicker, cleaner cuts. And their sharpness will last and last well beyond that of traditional blades.



Power Blend® Xtended Life™ Oil

Power Blend® Xtended Life™ is synthetic blend oil that starts with an organic base and is certified for use in all air-cooled, 2-stroke, outdoor power equipment engines. It meets and exceeds ISO-L-EGD and JASO M345/FD requirements and has superior cleaning capabilities while minimizing exhaust port blockage.

U Turn™

The U Turn™ Trimmer Head allows you to reload a spool in seconds! Just insert a length of line into the holes on the side of the spool drum and twist the line onto the spool. One quick snip and you're ready to go. It's that simple! U Turn™ trimmer heads will fit any ECHO SRM Series Trimmer.



Posi-loc™ Pipe System

The ECHO Posi-loc™ pipe system ensures a secure pipe connection at all times. A series of grooves and ridges winds around adjoining pipes keeping sections connected. A simple twist of the lower pipe is all it takes to lock or unlock a section.



Comes with a 5 year consumer warranty.

CHAMPIONING THE OUTDOORS

CONSERVATION

Environmental conservation is a cornerstone of ECHO's corporate philosophy and we are proud to partner with like-minded organizations. ECHO is a corporate sponsor of Ducks Unlimited, and a supporter in the land management programs of Quail Unlimited and the National Wild Turkey Federation. Through a multi-year agreement known as Partners for Home and Habitat, ECHO and Ducks Unlimited educate consumers about the importance of habitat conservation while delivering useful information about home landscaping. ECHO is committed to providing equipment to maintain your home and support the preservation of others' habitat.



Jamie Fischer: Men's Boom Run
World Record - 12.47 seconds!

SPORTS

ECHO is proud to sponsor Jamie Fischer, the world record holder in the Men's Boom Run. Jamie has won many gold medals and world championships in Logrolling and Boom Running. Jamie also uses ECHO chain saws as he competes in the National Lumberjack Championships and All American Lumberjack Show. ECHO also sponsors the Paul Bunyan Lumberjack Show. These entertainers travel throughout the US and the rest of the world entertaining thousands of audience members displaying their great skills with chain saws and other products. Look for them at a fair near you.



CHAIN SAW CARVING

ECHO has long been a supporter in the art of chain saw carving. The revolutionary ECHO Carving Team appears both collectively and individually at carving and special events across the US and the rest of the world. These four sculptors represent some of the best talent in the world. Visit

our web site to view biographies, appearance schedules, carving samples, and news about each carver on the ECHO Carving Team.



The ECHO Carving Team (from left to right) consists of: Mark Colp (Lakeport, CA), Mike Bihlmaier (Marengo, IL), Bob King (Edgewood, WA), and Jason Emmons (St. Croix, IN.)

FULL THROTTLE ART - THE ECHO CHAIN SAW CARVING SERIES

The roar of chain saws and the pressure of competition are showcased as art, talent, endurance and champion carvers come together in this annual series of visually-exciting events. Award-winning sculptors compete against each other, and the clock, to carve objects out of wood - and reveal "what's in the trunk" - using only a chain saw. The ECHO Carving Series pits "pro-division" winners from different qualifying events against each other in a face-off at the ECHO Carving Series Championship. Viewers are constantly amazed at the skill and creativity these carvers wield at the tip of their chain saw. The 2008 Championship will take place at the Albuquerque International Balloon Fiesta, October 4 - 5, 2008. Check out ECHO's web site for more information on the Championship and view photos and videos from past Series.



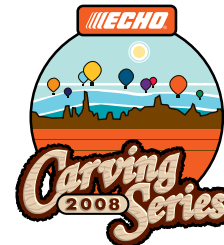
2005 Champion
Dayton Scoggins (Heidelberg, MS)



2006 Champion
Bob King (Edgewood, WA)



2007 Champion
Bob King (Edgewood, WA)



2008 Championship
Albuquerque, NM

ECHO®

Ask Any Pro!™



TOUGH ASK ANY PRO

PRO POINTERS

- For best performance, remove bar and chain after use and clean bar mount area using a clean paintbrush.
- To keep your ECHO saw in top-operating condition, use ECHO Max Performance™ bar and chain oil with added detergents, dispersants and tacifiers. It's specially formulated to reduce sap and tar build-up.

CHAIN SAWS

The Professional Choice of Power and Reliability.

All ECHO Chain Saws are built to tackle the toughest jobs. Whether you're pruning limbs, cutting firewood or taking down a whole tree, each ECHO Chain Saw is designed to provide long, trouble-free life. Superior quality begins with a high performance, 2-stroke engine and Pro-Fire® ignition system that ensure fast starts and smooth operation. Comfort and control are enhanced with vibration reduction technology and grouped controls that provide easy access to all saw functions. And all ECHO Chain Saws are certified to the highest level of useful life to ensure maximum value from your investment.



POWER BLEND^{XTENDED LIFE OIL}

FREE BOTTLE OF
ECHO POWER BLEND^{XTENDED LIFE} OIL
WITH EVERY CHAIN SAW

CS-400 shown - see page 9
for more product information.

Dual-post chain
brake handle

Inertia-type
chain brake

Rear-access
automotive-style filter

Grouped
controls

Side-access chain
tensioner

Removable
bumper spike

Adjustable
automatic oiler

40.2 cc commercial-grade
Power Boost Vortex™ engine

5 year
Consumer
Warranty

**ECHO Quality
Backed by an
Extensive Warranty**

All ECHO Chain Saws feature a 5 year*
consumer, 1 year commercial and 90 day
rental warranty as well as a lifetime
warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

CS-306

Features rear handle control and 30.1 cc of power at an unbelievable value.

- 30.1 cc high performance, 2-stroke engine
- Standard 14" bar and chain with tip guard included
- Optional 12" bar and chain available
- Bumper spikes improve control for easier cutting
- Fuel capacity: 9.3 fl. oz.; oil capacity: 5.4 fl. oz.
- Weighs 7.5 lb (power head only)



CS-341

A favorite of demanding users and professional arborists.

- 33.4 cc high performance, 2-stroke engine
- Standard 14" bar and chain with tip guard included
- Optional 12" and 16" bars and chains available
- Side access chain tensioner
- Automatic adjustable oiler
- Slope Advance Ignition System (SAIS2) automatically senses engine speed and advances ignition timing for optimum performance
- Lanyard ring



CHAIN SAWS



ECHO Quality
Backed by an
Extensive Warranty



All ECHO Chain Saws feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.



CS-330T

This top handle saw features high torque in a small, compact design.

- 32.6 cc Power Boost Vortex™ engine
- Standard 14" bar and chain with tip guard included
- Optional 12" and 16" bars and chains available
- G-Force Engine Air Pre-cleaner™ spins out dirt prior to air filtration
- Easy access rear-mounted air filter positioned away from dirt and debris
- Side access chain tensioner



CS-330MX4 **NEW!**

High torque and a camo pattern for the outdoor enthusiast.

- ADVANTAGE® MAX-4™ camouflage pattern for the outdoorsman
- 32.6cc Power Boost Vortex™ engine
- G-Force Engine Air Pre-Cleaner™ spins out dirt prior to filtration
- 14" bar and chain standard
- Easy access, rear-mounted air filter positioned away from dirt and debris
- Side access chain tensioner



CS-360T

Providing more power, it's a perfect choice for demanding users and professional arborists.

- 36.3 cc Power Boost Vortex™ engine
- Standard 16" bar and chain with tip guard included
- Optional 12" and 14" bars and chains available
- G-Force Engine Air Pre-cleaner™ spins out dirt prior to air filtration
- Easy access rear-mounted air filter positioned away from dirt and debris



CS-370

Outstanding power and incredible features make it the best value in its class.

- 36.3 cc Power Boost Vortex™ engine
- Standard 16" bar and chain with tip guard included
- Optional 14" and 18" bars and chains available
- G-Force Engine Air Pre-Cleaner™ spins out dirt prior to air filtration
- 30% reduction in starting effort
- Heavy-duty, easy-access, automotive-style air filter extends saw life
- Computerized ignition advance automatically adjusts engine timing



Adjustable, automatic chain oiling system regulates the amount of oil according to engine speed. As a result, the chain and bar remain properly lubricated at all times. Some models also have a manual override oiler.



An automotive-style air filter, which is standard on the CS-370, CS-400, CS-520 and CS-670, provides outstanding filtration and leads to longer engine life.

CHAIN SAWS

NEW!

CS-400

Increased power and professional features.

- 40.2 cc Power Boost Vortex™ engine
- Standard 18" bar and chain with tip guard included
- 16" bar and chain available
- G-Force Engine Air Pre-Cleaner™ spins out dirt prior to air filtration
- 30% reduction in starting effort
- Heavy-duty, easy-access, automotive-style air filter extends saw life
- Computerized ignition advance automatically adjusts engine timing



CS-520

The perfect choice for firewood cutting and pulp operations.

- 50.1 cc high performance, 2-stroke engine
- Standard 20" bar and chain with tip guard included
- Optional 16" and 18" bars and chains available
- Replaceable bumper spikes improve control for easier cutting
- Slope Advance Ignition System (SAIS2)
- Heavy-duty, easy-access, automotive-style air filter extends saw life
- Side access chain tensioner



CS-670

ECHO's most popular felling saw delivers excellent speed and reliability for enhanced productivity.

- 66.7 cc high performance, 2-stroke engine
- Standard 24" bar and chain with tip guard included
- Optional 16", 20" and 27" bars and chains available
- Side access chain tensioner
- Replaceable bumper spikes improve control for easier cutting



CS-8000

ECHO's largest chain saw delivers professional quality, reliability and performance for your toughest applications.

- 80.7 cc high performance, 2-stroke engine
- Standard 24" bar and chain with tip guard included
- Optional 20", 27", 32" and 36" bars and chains available
- Replaceable bumper spikes improve control for easier cutting



CHAIN SAWS



ECHO Quality Backed by an Extensive Warranty



All ECHO Chain Saws feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

CHAIN SAW SPECIFICATIONS

Model	Engine Displacement (cc)	Engine Displacement (cu in)	Carburetor	Starter System**	Ignition Advance	Oiling System	Inertia-type Chain Brake	Standard Bar Length (in)	Optional Bar Lengths (in)	Fuel Capacity (fl oz)	Oil Capacity (fl oz)	UL & CSA Approved	Vibration Reduction System	Dry Weight*** (lb)
CS-306	30.1	1.84	Diaphragm*	Standard	N.A.	Adjustable Automatic	Standard	14	12	9.3	5.4	Yes	Standard	7.5
CS-330T	32.6	1.99	Diaphragm	Standard	Standard	Adjustable Automatic	Standard	14	12, 16	10.5	9.8	Yes	Standard	8.1
CS-330-MX4	32.6	1.99	Diaphragm	i-30™	Standard	Adjustable Automatic	Standard	14	#	10.5	9.8	Yes	Standard	8.1
CS-341	33.4	2.04	Diaphragm*	Standard	Standard	Adjustable Automatic	Standard	14	12, 16	8.5	5.0	Yes	Standard	7.8
CS-360T	36.3	2.20	Diaphragm	Standard	Standard	Adjustable Automatic	Standard	16	12, 14	10.5	9.8	Yes	Standard	8.1
CS-370	36.3	2.20	Diaphragm*	i-30™	Digital	Adjustable Automatic	Standard	16	14, 18	13.9	9.5	Yes	Standard	10.0
CS-400	40.2	2.46	Diaphragm*	i-30™	Digital	Adjustable Automatic	Standard	18	16	13.9	9.5	Yes	Standard	10.1
CS-520	50.1	3.06	Diaphragm	Standard	Standard	Adjustable Automatic	Standard	20	16, 18	20.3	9.5	Yes	Standard	10.8
CS-670	66.7	4.07	Diaphragm	Standard	Standard	Adjustable Automatic	Standard	24	16, 20, 27	22.5	13.0	Yes	Standard	14.3
CS-8000	80.7	4.93	Diaphragm	Standard	Standard	Adjustable Automatic	Standard	24	20, 27, 32, 36	28.9	14.1	Yes	Standard	16.5

* with purge pump

** all feature a Pro-Fire® electronic ignition

*** without bar and chain

can accommodate 12" and 16" bars



Chain Saw Carry Bag
Durable nylon bag features compartments for oil and tools and a padded shoulder strap. Fits saws with up to 20" bars and chains.
Part #103942147



Camouflage Chain Saw Carry Bag
Durable nylon bag, in ADVANTAGE® MAX-4™ camo pattern for the outdoor enthusiast, features many compartments and a padded shoulder strap. Fits saws with up to 20" bars and chains.
Part #103942148



Chain Saw Case with Fixed Nose
Fits saws up to 20" bar and chain.
Part #99988801205



Chain Saw Case with Removable Nose
Fits saws up to 16" bar and chain.
Part #99988800207



20" Bar & Chain Scabbard
Part #89850308033



17" Bar & Chain Scabbard
Part #89850308032



ECHO Premium Protective Chaps

ECHO Premium Protective Chaps are manufactured using DuPont™ KEVLAR® material for superior strength and durability.

36" KEVLAR® Chain Saw Chaps
Part #103942143

40" KEVLAR® Chain Saw Chaps
Part #103942144



Top Handle Chain Saw Debris Shield

Prevents small debris from entering the chain saw's air intake. The small, plastic shield easily attaches with a tab-catch system over the existing air intake area of the ECHO CS-330T, CS-330MX4 and CS-360T models.
Part #99988800307



Chain Saw Safety Manuals & Videos

Chain Saw Safety Manual
Part #X752000020
ECHO Safety Video (DVD)
Part #99922203905
Chain Saw Safety Video (VHS)
Part #99922203753

Chain Saw Spanish Safety Video (CD)
Part #99922203764
Chain Saw Spanish Safety Video (VHS)
Part #99922203765
ECHO Spanish Safety Video (DVD)
Part #99922203909



CHAIN SAW BARS AND CHAINS

Chain Saw Models	Bar Length/Type	Bar Part Number	Chain Part Number	Bar Gauge	Chain Pitch	Drive Link Count
CS-305/306	12" Micro-Lite	12A4CD3745	90SG-45G	0.043"	small 3/8"	45
CS-305/306	14" Micro-Lite	14A4CD3752	90SG-52G	0.043"	small 3/8"	52
CS-301/305/306/330T/360T/341/346	12" Intenz™	12A0CD3745	91VG-45G	0.50"	small 3/8"	45
	12" Intenz™	12A0ZD3745	91VG-45G	0.50"	small 3/8"	45
CS-301/305/306/330T/360T/370/341/346	14" Intenz™	14A0CD3752	91VG-52G	0.50"	small 3/8"	52
	14" Intenz™	14A0ZD3752	91VG-52G	0.50"	small 3/8"	52
CS-301/305/306/330T/360T/370/341	16" Intenz™	16A0CD3757	91VG-57G	0.50"	small 3/8"	57
	16" Intenz™	16A0ZD3757	91VG-57G	0.50"	small 3/8"	57
CS-330T/330MX4/360T*	12" Pro-91	12A0ED3745	91VG-45G	0.50"	small 3/8"	45
CS-330T/330MX4/360T/370*	14" Pro-91	14A0ED3752	91VG-52G	0.50"	small 3/8"	52
	16" Pro-91	16A0ED3757	91VG-57G	0.50"	small 3/8"	57
CS-370	18" Pro-91	18A0ED3762	91VG-62G	0.50"	small 3/8"	62
	18" Pro-91	18A0ED3762	91VG-62G	0.50"	small 3/8"	62
CS-400	16" Pro-91	16A0ED3757	91VG-57G	0.50"	small 3/8"	57
	18" Pro-91	18A0ED3762	91VG-62G	0.50"	small 3/8"	62
CS-440/510/520	16" Pro-Am	16A0AD3366	33SL-66G	0.50"	.325"	66
	18" Pro-Am	18A0AD3372	33SL-72G	0.50"	.325"	72
CS-510/520	16" Micro-Lite Pro	16A0MD3366	95VP-66G	0.50"	.325"	66
	18" Micro-Lite Pro	18A0MD3372	95VP-72G	0.50"	.325"	72
	20" Micro-Lite Pro	20A0MD3378	95VP-78G	0.50"	.325"	78
	20" Pro-AM	20A0AD3378	33SL-78G	0.50"	.325"	78
CS-670	16" PowerMatch	16DOPS3860	72LG-60G	0.50"	3/8"	60
CS-670/8000	20" PowerMatch	20DOPS3870	72V-70G	0.50"	3/8"	70
	24" PowerMatch	24DOPS3881	72LG-81G	0.50"	3/8"	81
	27" PowerMatch	27DOPS3893	72LG-93G	0.50"	3/8"	93
CS-8000	32" PowerMatch	32DOPS3805	72LG-105G	0.50"	3/8"	105
	36" PowerMatch	36DOPS3816	72LG-116G	0.50"	3/8"	116

TIP GUARDS

Chain Saw Model	Part Number
CS-300/301/305/306/340/341/345/346/330T/360T/370	2894901
CS-4400/440/5000/510/520/6700/670/8000	2893201

ECHO®

Ask Any Pro!™

"My crews have used other chain-saw-style vent saws but prefer the ECHO QuikVent Saw for its unique design and reliable starting. Its light weight minimizes the load on the firefighter who's using it."

- Lt. Frank Ricci, Carpentersville, IL - Fire Department



Watch the QuikVent™ saw in action at www.echo-usa.com/rescue

VITAL

ASK ANY PRO



QuikVent™ kit is available with both QV-675 and QV-8050 models. Includes steel carrying case, 1 gal. U.S. Max Performance™ bar and chain oil, and 1 gal. U.S. safety gas can.

**ECHO Quality
Backed by an
Extensive Warranty**

All ECHO QuikVent™ Saws feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

QUIKVENT™ SAWS

The Preferred Ventilation Saw of Fire and Rescue Personnel.

ECHO's QV-670 and QV-8000 QuikVent™ Ventilation saws are the preferred choice among fire and rescue personnel for quickly venting building structures. The patented droop nose feature eliminates the need to stand directly over the saw while cutting and it uses the saw's weight to more easily cut through angled roofs. The patented skid plate allows you to pivot the nose and carbide tip chain into a structure.

ECHO also offers a complete line of Cut-off Saws that are great for cutting concrete, cinder blocks and industrial building access.



QUIKVENT™ ACCESSORIES

Part Number	Description
99988800045	QuikVent™ Carbide Tip Chain Loop (12')
99988800052	Max Performance™ Bar and Chain Oil
99988800141	QuikVent™ Bar (12')
99944700191	QuikVent™ Storage Case
99988801011	One Gallon Safety Gas Can
99988801140	QuikVent™ Scabbard

QUIKVENT™ SPECIFICATIONS

Model	Engine Displacement (cc)	Engine Displacement (cu. in.)	Fuel Capacity (fl. oz.)	Oil Capacity (fl. oz.)	Dry Weight* (lb)
QV-670	66.7	4.07	22.5	13.0	15.2
QV-675**	66.7	4.07	22.5	13.0	15.2
QV-8000	80.7	4.93	28.9	14.1	18.3
QV-8050**	80.7	4.93	28.9	14.1	18.3

* Without bar and chain

** Includes steel case, bar and chain oil, and gas can

POWER BLEND^X
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLEND[®] XTENDED LIFE[™] OIL
WITH EVERY QUIKVENT[™] SAW

QUIKVENT™ SAWS



ECHO Max Performance™ Bar and Chain Oil
Specially formulated with detergents, dispersants and tacifiers that provide extra protection against heat and dirt build-up. Especially beneficial for hi-revving chain saws and rescue saws.

Part #99988800052 1 gal. bottle

QV-670/QV-675

The 66.7 cc version is a top choice among fire/rescue personnel for ventilating building structures.

- Extra large, easy-grip starter handle
- External idle control adjustment
- Side access chain tensioner
- QV-675 includes steel carrying case, 1 gal. Max Performance™ bar and chain oil, and 1 gal. safety gas can



QV-8000/QV-8050

Large 80.7cc engine makes it the preferred package among fire/rescue personnel for quickly ventilating building structures.

- ECHO's largest chain saw power head at 80.7 cc
- Superb power-to-weight ratio, lighter than most other saws in its class
- QV-8050 includes steel carrying case, 1 gal. Max Performance™ bar and chain oil, and 1 gal. safety gas can





ECHO®

Ask Any Pro!™



FAR-REACHING
ASK ANY PRO

PRO POINTERS

- To ensure operator safety, never stand directly beneath the limb that is being cut.
- Always wear the proper safety gear when operating any equipment. Consult your Operator's and Safety Manuals for more information.

POWER PRUNER®

Reach New Performance Heights with ECHO Power Pruners®.

Power Pruners® provide fast, easy and safe pruning for those hard-to-reach applications. The light-weight design and comfortable controls ensure maximum operator comfort. A new, heavy-duty gearbox features dual-sealed bearings, spiral cut steel gears and a manual grease port for maximum lubrication, durability and cutting performance. An adjustable oiler delivers the right amount of oil, every time, for exceptional chain lubrication. Chain tensioning system improves cutting performance and extends bar and chain life. Telescoping shafts and optional extensions provide added reach for cutting flexibility. ECHO Power Pruners® deliver commercial-grade performance and optimum tree care versatility.



Automatic, adjustable chain oiling system

Side access chain tensioning system for easier, safer chain tightening

Branch extractor for easy removal of troublesome branches

7.6 fl oz oil reservoir with easy fill opening

Unique telescoping shaft

Durable gear case cover for increased longevity

PPT-265 shown - see page 16 for more product information.

Easy to grasp ergonomic handle with rubber over-mold for added comfort and improved handling

POWER BLEND X
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLEND® XTENDED LIFE™ OIL
WITH EVERY POWER PRUNER®

High volume felt air filter maintains clean incoming air for longer engine life

25.4cc Power Boost Vortex™ engine for plenty of cutting power

5 year
Consumer
Warranty

**ECHO Quality
Backed by an
Extensive Warranty**

All ECHO Power Pruners® feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

PPF-210

Fixed shaft Power Pruner® cuts tough jobs down to size.

- 21.2 cc Power Boost Vortex™ engine
- Convenient carburetor purge pump for efficient starting
- 10" bar and chain features Oregon® Intenz™ side access chain tensioning technology
- 7' 8" long in normal use and up to 10' 8" with optional 3' extension
- Shoulder strap included

**300**
DURABILITY
RATING**5**
Year
Consumer
Warranty

PPT-265 **NEW!**

Increased power, professional features and extra long-reach cutting ability.

- 25.4cc Power Boost Vortex™ engine
- Ergonomically designed handle with rubber over-mold
- Unique telescoping shaft provides up to 12'2" of length fully extended and up to 17'2" with optional 5' extension
- Shoulder strap included
- Side-access chain tensioner

**300**
DURABILITY
RATING**5**
Year
Consumer
Warranty

Premium Power Pruner® Harness

Dual, padded shoulder harnesses distribute weight across the shoulders and waist and a movable carry hook provides support for the Power Pruner while in use or while transporting from cut to cut.

Part #99944200203

POWER PRUNER® BARS AND CHAINS

Bar Part Number	Chain Part Number	Length
1080373301	1917033	8" Regular (91 Series)*
1100373901	1907039	10" Narrow (90 Series)*
1101373901	1917039	10" Regular (91 Series)*
1102373901	1917039	10" Oregon® Intenz™
1120374401	1907044	12" Narrow (90 Series)*
1121374401	1917044	12" Regular (91 Series)*
1122374401	1917044	12" Oregon® Intenz™

* 90 and 91 series bars and chains are not interchangeable.

POWER PRUNER® ACCESSORIES



3' extension for PPF-210
Part #99946400010



5' extension for PPT-265
Part #99946400020



Circular Saw Accessory
Part #99946400050



Hedger Accessory
Part #99946400040



90° Articulating Hedge Trimmer Accessory for

PPT-230, PPT-231,
PPT-260, PPT-261
and PPT-265*
Part #99946400060

* Retrofittable to all past telescoping and dielectric (Model D) Power Pruners®.

ECHO Quality Backed by an Extensive Warranty



All ECHO Power Pruners® feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

POWER PRUNER®

POWER PRUNER® SPECIFICATIONS

Model	Engine Displacement (cc)	Engine Displacement (cu in)	Carburetor (w/Purge Pump)	Starting System	Fuel Capacity (fl oz)	Oil Capacity (fl oz)	Length Collapsed (in)	Length Extended (in)	Optional Extension (ft)	Bar Length (in)	Dry Weight* (lb)
PPF-210	21.2	1.29	Diaphragm	Standard	15.2	7.6	92	NA	3	10	12.1
PPT-265	25.4	1.55	Diaphragm	i-30™	16.9	7.6	107	146	5	12	17.4

* Without bar and chain.

Power Pruner® Safety Manuals and Videos

Power Pruner® Safety Manual
Part #X752000000
ECHO Safety Video (DVD)
Part #99922203905

Power Pruner® Safety Video (VHS)
Part #99922203100
ECHO Spanish Safety Video (DVD)
Part #99922203909

ECHO®

Ask Any Pro!™



HIGH-PERFORMANCE ASK ANY PRO

PRO POINTERS

- For the best overall cutting performance, use ECHO's exclusive Cross-Fire® grass trimmer line.
- Always make sure to adjust the handle to the most comfortable position prior to operating any grass trimmer.
- When operating gas-powered equipment, be sure to wear the appropriate safety gear. Consult your Operator's and Safety Manuals for more information.

TRIMMERS

Performance! What else needs to be said about the world's finest commercial-grade trimmers? Our easy-to-use custom ergonomic controls, light-weight design, and super powerful Power Boost Vortex™ and Power Boost Tornado™ engine technologies give you the tools to enhance your productivity. Now you'll spend less time creating a lasting impression and more time enjoying increased productivity.



25.4cc Power Boost Vortex™ engine with Pro-Fire® ignition for quick, easy starts

16.9 fl oz capacity see-through fuel tank for long run times

Rubber over-mold throttle control and front handle for all day comfort

SRM-265T shown - see page 22 for more product information.

59" straight shaft with flex cable drive

Debris shield with integrated cut-off knife

Heavy-duty gear case with sealed bearings for long-lasting durability

ECHOmatic Pro™ trimmer head

POWER BLEND X
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLEND® XTENDED LIFE™ OIL
WITH EVERY TRIMMER

5 year
Consumer
Warranty

**ECHO Quality
Backed by an
Extensive Warranty**

All ECHO Trimmers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the flexible cable drive, steel drive shaft, and ignition module.

*Visit www.echo-usa.com/5year to learn more.

GT-200R

Light-weight, curved shaft trimmer includes our reduced effort i-30™ starting technology.

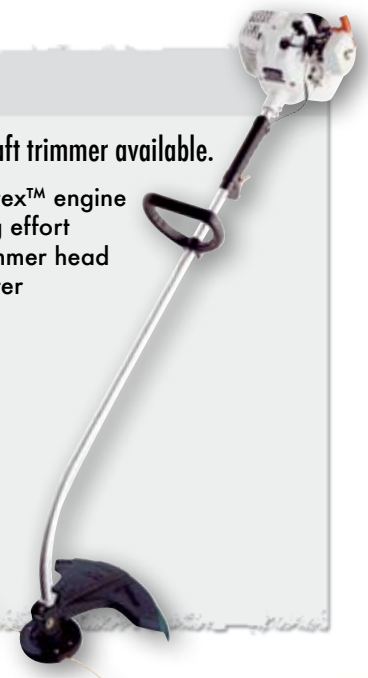
- 21.2 cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- 2-line Rapid-Loader™ trimmer head
- 48" curved shaft
- Premium-grade felt air filter
- Heavy-duty, die-cast trimmer head bearing housing



GT-200i™

The easiest-starting curved shaft trimmer available.

- 21.2 cc Power Boost Vortex™ engine
- 75% reduction in starting effort
- 2-line Rapid-Loader™ trimmer head
- Premium-grade felt air filter
- Heavy-duty, die-cast



TRIMMERS



ECHO Quality Backed by an Extensive Warranty



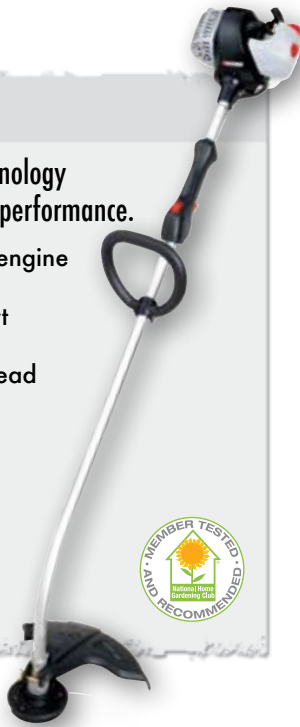
All ECHO Trimmers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the flexible cable drive, steel drive shaft and ignition module.

*Visit www.echo-usa.com/5year to learn more.

GT-251

A modern profile and advanced technology combine for best-in-class power and performance.

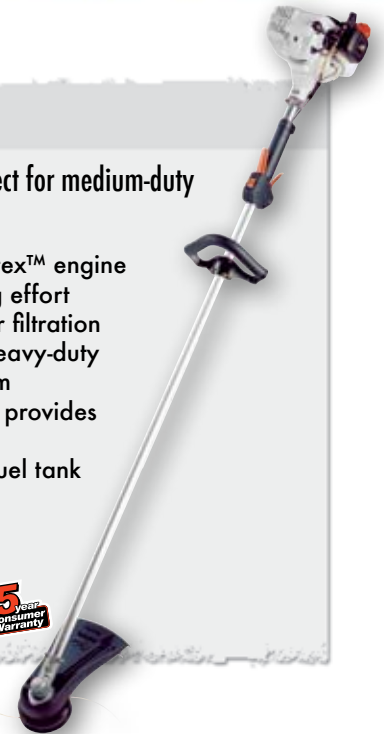
- 25.4 cc Power Boost Vortex™ engine
- 52" curved shaft
- 30% reduction in starting effort
- Premium-grade felt air filter
- Heavy-duty, die-cast trimmer head bearing housing



SRM-210

Straight shaft trimmer is perfect for medium-duty commercial applications.

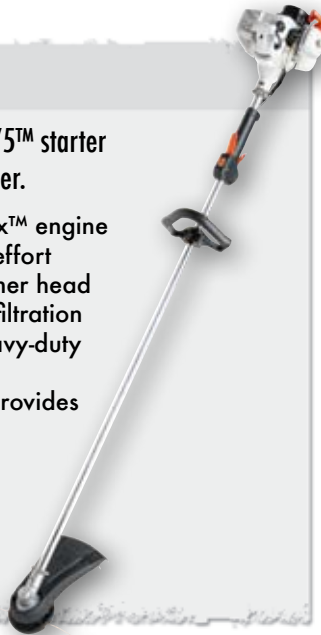
- 21.2 cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- Commercial-grade felt air filtration
- Die-cast fan cover with heavy-duty vibration reduction system
- Edging-style front handle provides comfort and control
- 15.2 fl. oz. see-through fuel tank



SRM-210 *i*

The Rapid-Loader™ head and i-75™ starter make it the easiest-to-use trimmer.

- 21.2 cc Power Boost Vortex™ engine
- 75% reduction in starting effort
- 2-line Rapid-Loader™ trimmer head
- Commercial-grade felt air filtration
- Die-cast fan cover with heavy-duty vibration reduction system
- Edging-style front handle provides comfort and control



SRM-210SB

Split boom design accommodates all Pro Attachment Series™ attachments.

- 21.2 cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- Various attachments turn this trimmer into an edger, hedge trimmer and more (pgs. 37-39)
- Commercial-grade felt air filtration
- Die-cast fan cover with heavy-duty vibration reduction system
- Edging-style front handle provides comfort and control
- ECHOMATIC Pro™ trimmer head reduces line breakage, saves reloading time



Trimmer Heads and Line

ECHO's full line of trimmer accessories includes 11 different trimmer heads and both standard and premium line in all diameters.

For ECHO's full line of Trimmer Accessories, see pages 30-33.

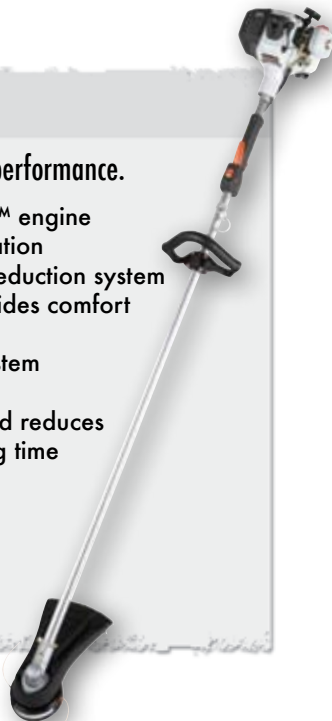


TRIMMERS

SRM-230

Outstanding power, durability and performance.

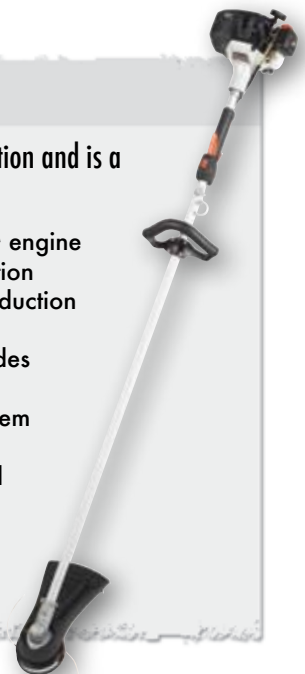
- 22.8 cc Power Boost Tornado™ engine
- Commercial-grade felt air filtration
- Heavy-duty engine vibration reduction system
- Edging-style front handle provides comfort and control
- Handle vibration reduction system
- 59", 4-layer flex cable drive
- ECHOMATIC Pro™ trimmer head reduces line breakage, saves reloading time



SRM-230S

A steel drive shaft improves acceleration and is a favorite for commercial operators.

- 22.8 cc Power Boost Tornado™ engine
- Commercial-grade felt air filtration
- Heavy-duty engine vibration reduction system
- Edging-style front handle provides comfort and control
- Handle vibration reduction system
- 59", 7 mm steel drive shaft
- ECHOMATIC Pro™ trimmer head reduces line breakage, saves reloading time



SRM-265 **NEW!**

Powerful performance, innovative features and superior design.

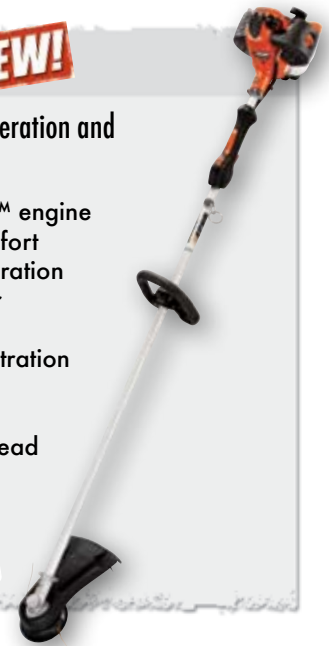
- 25.4cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- Extra heavy-duty engine vibration reduction mount and rubber over-mold handles
- Commercial-grade felt air filtration
- 59", 4-layer flex cable
- ECHOMATIC Pro™ trimmer head



SRM-265S **NEW!**

A steel drive shaft improves acceleration and reduces weight.

- 25.4cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- Extra heavy-duty engine vibration reduction mount and rubber over-mold handles
- Commercial-grade felt air filtration
- 59", 7mm steel shaft with self-lubricating bearings
- ECHOMATIC Pro™ trimmer head



TRIMMERS



ECHO Quality Backed by an Extensive Warranty



All ECHO Trimmers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the flexible cable drive, steel drive shaft and ignition module.

*Visit www.echo-usa.com/5year to learn more.

SRM-265T **NEW!**

A top choice for the commercial operator looking for more torque.

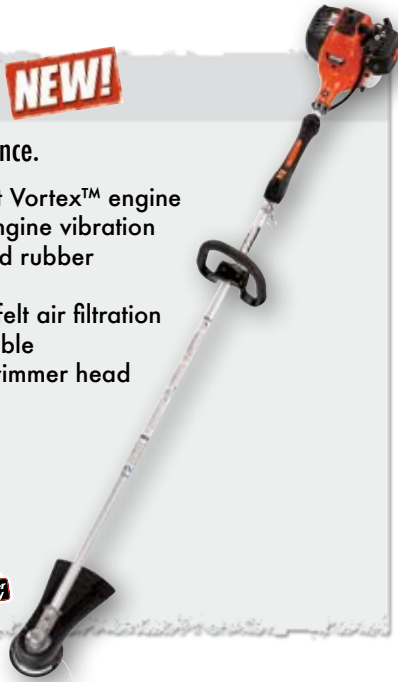
- 25.4cc Power Boost Vortex™ engine
- 50% more torque than the SRM-265
- 30% reduction in starting effort
- Extra heavy-duty engine vibration reduction mount and rubber over-mold handles
- Commercial-grade felt air filtration
- 59", 4-layer flex cable
- ECHOMATIC™ trimmer head



SRM-280 **NEW!**

A new class of performance.

- 28.1cc Power Boost Vortex™ engine
- Extra heavy-duty engine vibration reduction mount and rubber over-mold handles
- Commercial-grade felt air filtration
- 59", 4-layer flex cable
- ECHOMATIC Pro™ trimmer head



SRM-280S **NEW!**

A steel drive shaft improves acceleration and is a favorite for demanding professionals.

- 28.1cc Power Boost Vortex™ engine
- Extra heavy-duty engine vibration reduction mount and rubber over-mold handles
- Commercial-grade felt air filtration
- 59", 7mm steel shaft with self-lubricating bearings
- ECHOMATIC Pro™ trimmer head



Trimmer Heads and Line

ECHO's full line of trimmer accessories includes 11 different trimmer heads and both standard and premium line in all diameters.

For ECHO's full line of Trimmer Accessories, see pages 30-33.

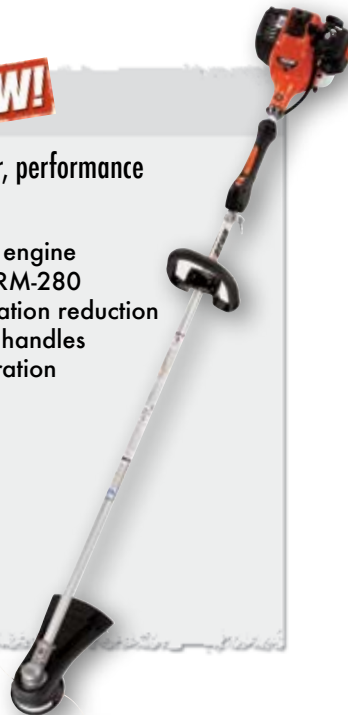


TRIMMERS

SRM-280T **NEW!**

The top-of-the-line choice for power, performance and torque.

- 28.1cc Power Boost Vortex™ engine
- 50% more torque than the SRM-280
- Extra heavy-duty engine vibration reduction mount and rubber over-mold handles
- Commercial-grade felt air filtration
- 59", 4-layer flex cable
- ECHOMATIC™ trimmer head



TRIMMER SPECIFICATIONS

Model	Engine Displacement (cc)	Carburetor (w/Purge Pump)	Fuel Capacity	Shaft Length (in)	Shaft Type	Starting System	Cutting Head	Cutting Swath (in)	Shield	Drive Shaft	Nylon Line (in dia)	Dry Weight (lb)*	Dry Weight (lb)**
GF200R	21.2	Rotary	15.2	48	Curved	i-30™	Rapid-Loader™	16	Std. GT	4-Layer Cable	.080 Cross-Fire®	9.3	8.8
GF200i	21.2	Rotary	15.2	48	Curved	i-75™	Rapid-Loader™	16	Std. GT	4-Layer Cable	.080 Cross-Fire®	9.6	8.8
GF251E	25.4	Diaphragm	14.2	52	Curved	i-30™	Rapid-Loader™	16	Std. GT	Flexible	.080 Cross-Fire®	10.4	9.9
SRM-210	21.2	Rotary	15.2	59	Straight	i-30™	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	11.4	10.6
SRM-210i	21.2	Rotary	15.2	59	Straight	i-75™	Rapid-Loader™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	11.6	10.9
SRM-210SB	21.2	Rotary	15.2	59	Split Shaft	i-30™	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	11.9	11.1
SRM-230	22.8	Rotary	19.6	59	Straight	Standard	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	12.2	11.4
SRM-230S	22.8	Rotary	19.6	59	Straight	Standard	ECHOmatic Pro™	17	Std. SRM	Steel	.095 Cross-Fire®	12	11.2
SRM-265	25.4	Diaphragm	16.9	59	Straight	i-30™	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	13.4	12.3
SRM-265S	25.4	Diaphragm	16.9	59	Straight	i-30™	ECHOmatic Pro™	17	Std. SRM	Steel	.095 Cross-Fire®	12.9	12.1
SRM-265T	25.4	Diaphragm	16.9	59	Straight	i-30™	ECHOmatic™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	13.7	12.7
SRM-280	28.1	Diaphragm	21.6	59	Straight	Standard	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	13.4	12.6
SRM-280S	28.1	Diaphragm	21.6	59	Straight	Standard	ECHOmatic Pro™	17	Std. SRM	Steel	.095 Cross-Fire®	13.4	12.5
SRM-280T	28.1	Diaphragm	21.6	59	Straight	Standard	ECHOmatic™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	13.5	12.7

* Includes cutting head, excludes harness.

** Without cutting head, includes shield.



- **WARNING:** Improper use of any trimmer or brushcutter can cause serious or fatal injury. Read, understand and follow all safety instructions in your Operator's and Safety Manuals. A barrier bar and harness must be used with rigid plastic and metal grass/weed blades. A U-handle and harness must be used with brush and clearing blades. Always use the appropriate debris shield for the type of cutting attachment being used, as explained in your Operator's and Safety Manuals.
- **WARNING:** A barrier bar, harness and blade shield must be attached when using a rigid plastic or metal grass/weed blade with front loop handle.
- **WARNING:** A U-handle, harness and blade shield must be attached when using a brush or clearing blade.

The barrier bar, U-handle, harness and blade shield can be purchased separately from your ECHO dealer. See page 33.

TRIMMER - STANDARD AND OPTIONAL EQUIPMENT

Model	GT ECHOmatic® Head	SRM ECHOmatic® Head	SRM ECHOmatic® II Head	SRM ECHOmatic Pro™ Head	SRM Fixed Head	U Turn™ Head	SRM Manual Head	2-Line Rapid-Loader™ Head	8-Tooth Grass and Weed Blade	8" Brush Blade	10" Brush Blade	8" 22-Tooth Saw Blade	3-Line Rapid-Loader™ Head	U-Handle Kit¹	Blade Conversion Kit²
GT-200R	■							▲							
GT-200i	■							▲							
GT-251	■							▲							
SRM-210		■		▲	■	■	■	■	■	■		■		■	■
SRM-210i		■		■	■	■	■	▲	■	■		■		■	■
SRM-210SB		■		▲	■	■	■	■	■	■		■		■	■
SRM-230		■		▲	■	■	■	■	■	■		■		■	■
SRM-230S		■		▲	■	■	■	■	■	■		■		■	■
SRM-265		■		▲	■	■	■	■	■	■		■	■	■	■
SRM-265S		■		▲	■	■	■	■	■	■		■	■	■	■
SRM-265T		▲		■	■	■	■	■	■	■		■	■	■	■
SRM-280		▲	■		■	■	■	■	■	■		■	■	■	■
SRM-280S		■	▲	■	■	■	■	■	■	■		■	■	■	■
SRM-280T		■	▲	■	■	■	■	■	■	■	■	■	■	■	■

1 U-handle kit or barrier bar is required for metal blade use. 2 Blade conversion kit is required for metal blades and tricut blade. (This chart refers to accessories on pages 30-33.) Standard ▲ Optional ■

TRIMMER LINE



Cross-section of Cross-Fire® line shows the eight cutting edges which shear rather than tear grass.



Round line is an economical professional-grade trimmer line.



Just insert precut line sections into the Rapid-Loader™ trimmer head and you're ready to go. Line changes are "lightning fast"!

TRIMMERS

TRIMMER LINE

	Package Size	.065" Diameter	.080" Diameter	.095" Diameter	.105" Diameter	.130" Diameter	.155" Diameter*
Cross-Fire®	40 ft Loop	102152652	102152802	102152952	—	—	—
Premium	1/2 lb Donut	306065051	306080052	306095053	306105055	—	—
Trimmer	1 lb Donut	—	311080062	311095063	311105065	311130064	311155066
Line	3 lb Donut	—	314080052	314095053	314105055	314130054	314155056
	5 lb Donut	—	316080052	316095053	316105055	316130054	316155056
Professional-	40 ft Loop	102142652	102142802	102142952	—	—	—
Grade Round	1/2 lb Donut	305065051	305080052	305095053	305105055	305130054	—
Trimmer	1 lb Donut	310065061	310080062	310095063	310105065	310130064	—
Line	3 lb Donut	—	313080052	313095053	313105055	313130054	—
	5 lb Donut	315065051	315080052	315095053	315105055	315130054	—
Rapid-Loader™	10 Count, 8" L	—	102202953	102202952	102202105	102202130	102202155
Precut Line	20 Count, 8" L	—	102212131	102212952	102212105	102212130	102212155
	50 Count, 8" L	—	102222156	102222952	102222105	102222130	102222155
Pouch/Line	50 Count, 8" L	—	—	102262952	—	—	—
Combo							
Heavy-Duty	10 Count, 21" L	—	—	—	—	—	102223155
Precut	20 Count, 21" L	—	—	—	—	—	102224155
Fixed Line	50 Count, 21" L	—	—	—	—	—	102225155

* .155" diameter line is recommended for models with 25 cc or higher engines.



ECHO®

Ask Any Pro!™



EFFICIENT
ASK ANY PRO

PRO POINTERS

- Carefully check your surroundings and plan out your work before operating any equipment.
- Always use the proper handle and guard system for your brushcutting application.

BRUSHCUTTERS

Power, Comfort and Stability are at your disposal with ECHO's innovative line of commercial-grade brushcutters. Offered in five engine displacements and both flex cable drive and solid steel configurations, ECHO has the right brushcutter for applications ranging from rough grass, to thicket, to shrub and dense undergrowth.



25.4cc Power Boost Vortex™ engine with Pro-Fire® ignition for quick, easy starts

16.9 fl oz capacity see-through fuel tank for long run times

POWER BLENDX™ XTENDED LIFE OIL

FREE BOTTLE OF ECHO POWER BLENDX™ XTENDED LIFE™ OIL WITH EVERY BRUSHCUTTER

Rubber over-mold throttle control for all day comfort

Off-set 'U' handle provides excellent maneuverability and control



Optional 8" brush blade conversion kit available. See page 32.

SRM-265U shown - see page 28 for more product information.

59" straight shaft with flex cable drive

Debris shield with integrated cut-off knife assures optimum line length



Heavy-duty gear case with sealed bearings for long-lasting durability



ECHOmatic Pro™ trimmer head

5 year
Consumer
Warranty

ECHO Quality Backed by an Extensive Warranty

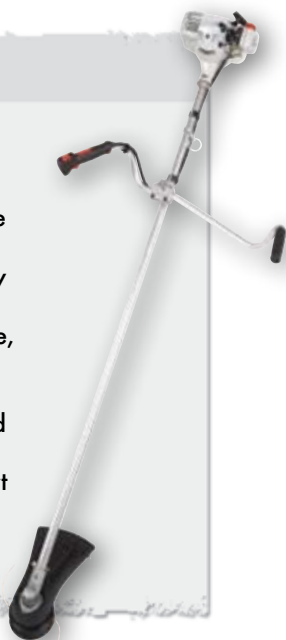
All ECHO Brushcutters feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the flexible cable drive, steel drive shaft and ignition module.

*Visit www.echo-usa.com/5year to learn more.

SRM-210U

Delivers strong brushcutting performance in a light, easy-to-use package.

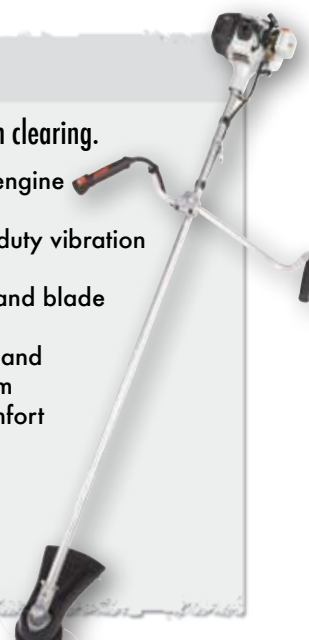
- 21.2 cc Power Boost Vortex™ engine
- 59", 4-layer flex cable drive
- Die-cast clutch cover with heavy-duty vibration reduction system
- 8-tooth heavy grass and weed blade, and dual-line ECHOMATIC Pro™ trimmer head
- Offset U-handle with stop switch and throttle lock-out delivers maximum operational control and user comfort
- Shoulder harness standard



SRM-230U

Provides more power for general brush clearing.

- 22.8 cc Power Boost Tornado™ engine
- 59", 4-layer flex cable drive
- Die-cast clutch cover with heavy-duty vibration reduction system
- ECHOMATIC Pro™ trimmer head and blade conversion kit*
- Offset U-handle with stop switch and throttle lock-out delivers maximum operational control and user comfort
- Shoulder harness standard



* Blade not included

BRUSHCUTTERS



ECHO Quality Backed by an Extensive Warranty



All ECHO Brushcutters feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the flexible cable drive, steel drive shaft and ignition module.

*Visit www.echo-usa.com/5year to learn more.

SRM-265U **NEW!**

Powerful performance, innovative features and superior design.

- 25.4cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- Offset U-handle with stop switch and throttle lock-out
- Commercial-grade felt air filtration
- 59", 4-layer flex cable
- Shoulder harness is standard
- Includes blade conversion kit*
- ECHOMATIC Pro™ trimmer head

* Blade not included

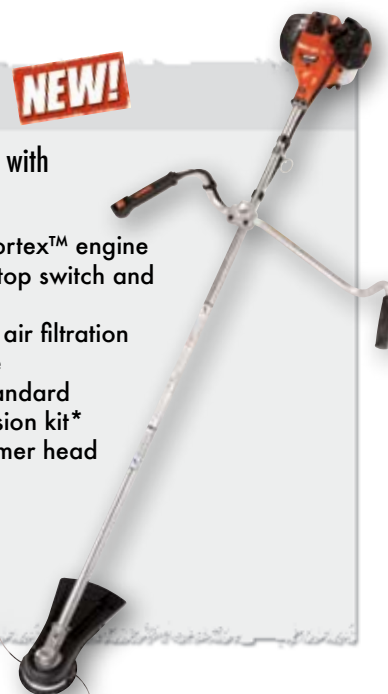


SRM-280U **NEW!**

A new class of performance with increased power.

- 28.1 cc Power Boost Vortex™ engine
- Offset U-handle with stop switch and throttle lock-out
- Commercial-grade felt air filtration
- 59", 4-layer flex cable
- Shoulder harness is standard
- Includes blade conversion kit*
- ECHOMATIC Pro™ trimmer head

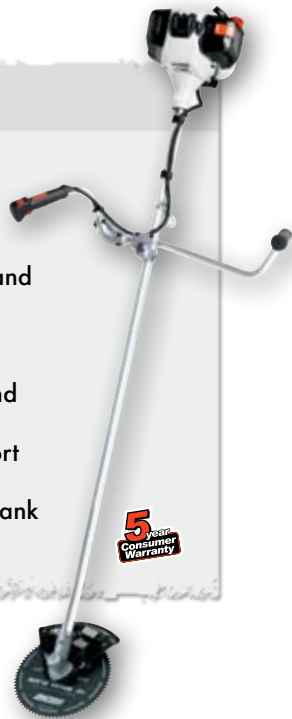
* Blade not included



SRM-400U

Top-of-the-line brushcutter with maximum power.

- 42.7 cc Power Boost™ engine
- Engine vibration reduction system and padded handles
- Commercial-grade air filtration
- 60.2" steel shaft
- Offset U-handle with stop switch and throttle lock-out delivers maximum operational control and user comfort
- Deluxe shoulder harness standard
- Large 37.2 fl. oz. see-through fuel tank
- 10" brush blade and metal shield



BRUSHCUTTER ACCESSORIES

Maximize your brushcutting performance with our 8" clearing saw blade.

A 4-point harness makes handling easier and more comfortable.

For ECHO's full line of Brushcutter Accessories, see pages 30–33.



BRUSHCUTTER SPECIFICATIONS

Model	Engine Displacement (cc)	Carburetor (w/Purge Pump)	Fuel Capacity (fl. oz.)	Shaft Length (in)	Shaft Type	Starting System	Cutting Head	Cutting Swath (in)	Shield	Drive Shaft	Nylon Line (in dia)	Dry Weight (lb)*	Dry Weight (lb)**
SRM-210U	21.2	Rotary	15.2	59	Straight	Standard	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	12.9	12.1
SRM-230U	22.8	Rotary	19.6	59	Straight	Standard	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	13.2	12.4
SRM-265U	25.4	Diaphragm	16.9	59	Straight	i-30™	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	14.4	13.5
SRM-280U	28.1	Diaphragm	21.6	59	Straight	Standard	ECHOmatic Pro™	17	Std. SRM	4-Layer Cable	.095 Cross-Fire®	14.5	13.6
SRM-400U	42.7	Rotary	37.2	60.2	Straight	Standard	10" Brush Blade	10	Metal	Solid Steel	N.A.	20.3	17.6

* Includes cutting head, excludes harness.

** Without cutting head, includes shield.

BRUSHCUTTER - STANDARD AND OPTIONAL EQUIPMENT

Model	GT ECHOmatic® Head	SRM ECHOmatic® Head	SRM ECHOmatic® II Head	SRM ECHOmatic Pro™ Head	SRM Fixed Head	U Turn™ Head	SRM Manual Head	2-Line Rapid-Loader™ Head	8-Tooth Grass and Weed Blade	8" Brush Blade	10" Brush Blade	8" 22-Tooth Saw Blade	3-Line Rapid-Loader™ Head	U-Handle Kit¹	Blade Conversion Kit²
SRM-210U		■		▲	■	■	■	■	▲	■		■		▲	▲
SRM-230U		■		▲	■	■	■	■	■	■		■		▲	▲
SRM-265U		■	■	▲	■	■	■	■	■	■		■	■	▲	▲
SRM-280U		■	▲		■	■	■	■	■	■		■	■	▲	▲
SRM-400U		■	■	■	■	■	■	■	■		▲	■	■	▲	▲

1 U-handle kit or barrier bar is required for metal blade use. 2 Blade conversion kit is required for metal blades and tricut blade. (This chart refers to accessories on pages 30–33.) Standard ▲ Optional ■



- **WARNING:** Improper use of any trimmer or brushcutter can cause serious or fatal injury. Read, understand and follow all safety instructions in your Operator's and Safety Manuals. A barrier bar and harness must be used with rigid plastic and metal grass/weed blades. A U-handle and harness must be used with brush and clearing blades. Always use the appropriate debris shield for the type of cutting attachment being used, as explained in your Operator's and Safety Manuals.
- **WARNING:** A barrier bar, harness and blade shield must be attached when using a rigid plastic or metal grass/weed blade with front loop handle.
- **WARNING:** A U-handle, harness and blade shield must be attached when using a brush or clearing blade.

The barrier bar, U-handle, harness and blade shield can be purchased separately from your ECHO dealer. See page 33.



ECHO®

Ask Any Pro!™



EXTENSIVE

ASK ANY PRO



The U Turn™
Trimmer Head
allows you to
reload a spool in
seconds! Just insert a length of
line into the holes on the side
of the spool drum and twist the
line onto the spool. One quick
snip and you're ready to go.
It's that simple!

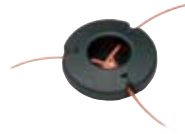


TRIMMER & BRUSHCUTTER ACCESSORIES

Maximize Your Trimming and Brushcutting Performance with ECHO's complete line of trimmer and brushcutter accessories. From the ECHOmatic® trimmer head to our 8" clearing saw blade, we offer the right performance accessories for your trimming and cutting needs. Our pure performance Cross-Fire® line offers eight cutting edges for smooth, even grass trimming. Rapid-Loader™ offers important user features that make line changes "lightning fast."

MANUAL — NYLON LINE CUTTING HEADS

Manual cutting heads use precut lengths of line that are inserted directly into the trimmer head.



3-Line Rapid-Loader™ ECHO Head
.095" dia. line
Part #9994420021



2-Line Rapid-Loader™ ECHO Head
.095" dia. line
Part #21560056



Rapid-Loader™ Universal Head
.095" dia. line
Part #21560059

Not Shown:
CLS Manual Head
.095" dia. line
Part #99944200180

2-Line Rapid-Loader™ Head Adapter for Stihl Curved Shaft
Part #21560057

2-Line Rapid-Loader™ Head Adapter for Ryobi, Toro, Homelite
Part #21560058

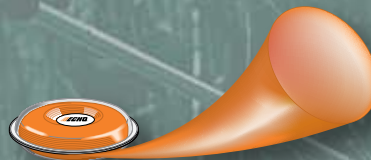


Dual-Line SRM Manual Head
.095" dia. line
Part #21560060

TRIMMER LINE (See Chart on Page 25 for Line Diameter and Availability)



Cross-section of Cross-Fire® line shows the eight cutting edges which shear rather than tear grass.



Round line is an economical professional-grade trimmer line.



Just insert precut line sections into the Rapid-Loader™ trimmer head and you're ready to go. Line changes are "lightning fast"!

FIXED — NYLON LINE CUTTING HEADS

Fixed cutting heads use line that is inserted into the trimmer head.



Heavy-Duty Fixed Line Head
.130" dia. line
Part #99944200220

For SRM-261T only
Part #99944200225

SEMI-AUTOMATIC — NYLON LINE CUTTING HEADS

Semi-automatic cutting heads use pre-spooled line that is inserted into the trimmer head. A simple bump on the ground advances line as it is used.



SRM ECHOmatic Pro™ Head
.095" dia. line
Part #21560031



SRM ECHOmatic® Head
.095" dia. line
Part #21560050



SRM ECHOmatic® II High Capacity Head
.105" dia. line
Part #99944200250

Not Shown: CLS ECHOmatic® Head
.095" dia. line
Part #99944200190



U Turn™ Head
.095" dia. line
Part #99944200900



Dual-Line GT ECHOmatic® Head
.080" dia. line
Part #99944200240
Pre-wound Replacement Spool
Part #21500240



GT ECHOmatic® Head
.080" dia. line
Part #21560040
Pre-wound Replacement Spool
Part #21560240

BLADES AND CUTTING ATTACHMENTS

(See Blade Set-up Guide on page 33).

Part Number	Description
For use on grass trimmers up to 22 cc	
215311	Maxi-Cut II Weed Cutter
215113	Maxi-Cut I Replacement Fastener (3)
215513	Maxi-Cut II Replacement Fastener (3)
For use on trimmers and brushcutters 21 cc to 40 cc	
215511	Pro Maxi-Cut II Weed Cutter
215712	Pro Maxi-Cut I and Pro Maxi-Cut II Replacement Blades (12)
215213	Pro Maxi-Cut I Replacement Fastener (3)
215513	Pro Maxi-Cut II Replacement Fastener (3)
69600120331	8", 8-Tooth Grass and Weed Blade (20 mm arbor)
69600121431	8", 8-Tooth Grass and Weed Blade (25 mm arbor)
69500108331	7", 80-Tooth Brush Blade (20 mm arbor)
69500120331	8", 80-Tooth Brush Blade (20 mm arbor)
69500121431	10", 80-Tooth Brush Blade (25 mm arbor)
99944200130	8", 22-Tooth Clearing Saw Blade (20 mm arbor)
99944200140	8", 22-Tooth Clearing Saw Blade (25 mm arbor)
99944200030	10" Tri-Cut Plastic Blade (20 mm arbor)
99944200031	10" Tri-Cut Glide Cup
99944200035	10" Tri-Cut w/Glide Cup (20 mm arbor)
99944200040	10" Tri-Cut Plastic Blade (25 mm arbor)
99944200045	10" Tri-Cut w/Glide Cup (25 mm arbor)
99944200047	3 Cutter Metal Blade (20 mm arbor)
99944200048	3 Cutter Metal Blade (25 mm arbor)
89850308031	8" SRM Blade Protector
89852340030	10" SRM Blade Protector
99944200455	Barrier Bar



8", 80-Tooth Brush Blade
20 mm Arbor –
Part #69500120331



8", 8-Tooth Grass and Weed Blade
20 mm Arbor –
Part #69600120331
25 mm Arbor –
Part #69600121431



8", 22-Tooth Clearing Saw Blade
20 mm Arbor –
Part #99944200130
25 mm Arbor –
Part #99944200140



3 Cutter Metal Blade
20 mm Arbor –
Part #99944200047
25 mm Arbor –
Part #99944200048



Maxi-Cut II Weed Cutter
GT-series
Part #215311



Pro Maxi-Cut II Weed Cutter
(requires blade conversion kit)
Part #215511



10" Tri-Cut Plastic Blade SRM-series
(requires blade conversion kit)
Part #99944200030



8" SRM Blade Protector
Part #89850308031

10" SRM Blade Protector
Part #89852340030

BLADE AND CUTTING HEAD APPLICATIONS

● Indicates recommended use.

Part Number	Model	Cutting Around Obstacles	Cutting Small Weeds	Cutting Large Weeds	Reeds, Bushes, Heavy Grass	Bushes, Small Trees
99944200900	U Turn™ Head	●	●			
21560059	RapidLoader™ Universal Head	●	●			
21560040	GT ECHOmatic® Head	●	●			
99944200240	Dual-Line GT ECHOmatic® Head	●	●			
21560050	SRM ECHOmatic® Head	●	●			
99944200250	SRM ECHOmatic® II High Capacity Head	●	●			
21560030	SRM ECHOmatic Pro™ Head	●	●			
99944200190	CLS ECHOmatic® Head	●	●			
99944200220	Heavy-Duty Fixed Line Head	●	●	●		
21560060	SRM Manual Head	●	●			
99944200180	CLS Manual Head	●	●			
21560056	2-Line RapidLoader™ Head	●	●			
99944200221	3-Line RapidLoader™ Head	●	●			
215311	Maxi-Cut Weed Cutter		●	●		
215511	Pro Maxi-Cut Weed Cutter		●	●		
99944200030	10" Tri-Cut Plastic Blade (20 mm arbor)		●	●		
99944200040	10" Tri-Cut Plastic Blade (25 mm arbor)		●	●		
99944200047	3 Cutter Metal Blade			●	●	
69600120331	8-Tooth Grass & Weed Blade (20 mm arbor)		●	●	●	
69600121431	8-Tooth Grass & Weed Blade (25 mm arbor)		●	●	●	
69500108331	7" Brush Blade			●	●	●
69500120331	8" Brush Blade			●	●	●
69500121431	10" Brush Blade			●	●	●
99944200130	8" Clearing Saw Blade (20 mm arbor)					●
99944200140	8" Clearing Saw Blade (25 mm arbor)					●

TRIMMER & BRUSHCUTTER ACCESSORIES

SRM BLADE SET-UP GUIDE

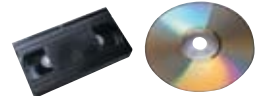
To Use These Blades	Pro Maxi-Cut Grass/Weed Blade	Rigid Plastic Tri-Cut Grass/Weed Blade	Metal Grass/Weed Blade	Metal Brush/Clearing Blade
You must install these parts! ➤	Loop Handle or Barrier Bar	Barrier Bar or U-Handle	Barrier Bar or U-Handle	U-Handle
	Metal Shield	Metal Shield	Metal Shield	Metal Shield
	Harness	Harness	Harness	Harness
	Upper Plate & Flat Washer	Upper Plate & Glide Cup	Upper/Lower Blade Plates	Upper/Lower Blade Plates
	Hex Nut	Hex Nut	Hex Nut	Hex Nut
	New Cotter Pin	New Cotter Pin	New Cotter Pin	New Cotter Pin



Barrier Bar #99944200455
Optional: Fits all SRM Trimmers



SAFETY MANUALS AND VIDEOS



Trimmer/Brushcutter/Clearing safety manuals	Part #X752000041
Trimmer/Brushcutter Safety Video (VHS)	Part #99922202540
Trimmer/Brushcutter Spanish Safety Video (VHS)	Part #99922203508
ECHO Safety Video (DVD)	Part #99922203905
ECHO Spanish Safety Video (DVD)	Part #99922203909

STARTER KITS



i-75™ Starter Kit, 21.2cc Engines	Part #99944200001
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SPECIALTY ATTACHMENTS

Model	Offset U-Handle Kit	Blade Conversion Kit	Combo U-Handle/ Blade Conversion Kit	SRM/PAS Shoulder Strap Kit (34 cc and Below)	GT Shoulder Strap Kit	Heavy-duty 4-pt Brushcutter Harness	Tiller/Cultivator Attachment
SRM-2100/2100SB/PAS-2100	35130454130	99944200415 99944200411*	99944200451	99944200200	N.A.	N.A.	SRAC-200
SRM-210/211/210i/211i/210U/211U/ 210SB/211SB/PAS-210/211 – SN 02001001-04999999	35130454130	99944200415 99944200411*	99944200451	99944200200	N.A.	N.A.	SRAC-200
SRM-210/211/210i/211i/210U/211U/ 210SB/211SB/PAS-210/211 – SRM-230/231/230S/231S/230U/ 231U/PAS-230/231 SN 05001001-07999999	35130454230	99944200415 99944200411*	99944200521	99944200200	N.A.	99944200202	SRAC-200**
SRM-2400 – SN 562999 and Below SRM-2400SB – SN 504695 and Below	35130454130	99944200415 99944200411*	99944200451	99944200200	N.A.	99944200202	SRAC-200
SRM-2400 – SN 563000 and Above SRM-2400SB – SN 504696 and Above	35130454230	99944200415 99944200411*	99944200521	99944200200	N.A.	99944200202	SRAC-200
SRM-230/231/230S/231S/ 230U/231U/PAS-230/231	35130454230	99944200415 99944200411*	99944200521	99944200200	N.A.	99944200202	SRAC-200
SRM-261T	99944200661	99944200417*	99944200562	99944200200	N.A.	99944200202	N.A.
SRM-2601	35130454230	99944200415 99944200411*	99944200521	99944200200	N.A.	99944200202	N.A.
SRM-260/261/260S/261S/260U/261U/ 260SB/261SB/PAS-260/261	99944200661	99944200415 99944200411*	99944200561	99944200200	N.A.	99944200202	SRAC-200**
SRM-265/265S	99944200675	99944200415 99944200411*	99944200685	99944200200	N/A	99944200202	SRAC-200**
SRM-280/280S	99944200689	99944200415 99944200411*	99944200695	99944200200	N/A	99944200202	SRAC-200**
SRM-265T	99944200676	99944200417	99944200690	99944200200	N/A	99944200202	SRAC-200**
SRM-280T	99944200705	99944200417	99944200700	99944200200	N/A	99944200202	SRAC-200**
SRM-340/3000/3001/3400	35130455830	99944200415	N.A.	99944200200	N.A.	99944200202	SRAC-400
SRM-310/311/310S/311S	99944200661	99944200415 99944200411*	99944200561	99944200200	N.A.	99944200202	SRAC-400**
SRM-2201/2501/2501S/2502	35130455730	99944200415	N.A.	99944200200	N.A.	99944200202	SRAC-200**
SRM-1500/1500A	35130454130	99944200400	N.A.	99944200200	N.A.	99944200202	SRAC-200
SRM-1501 – SN 83386 and Below	35130454130	99944200400	N.A.	99944200200	N.A.	99944200202	SRAC-200
SRM-1501 – SN 83387 and Above	35130454130	99944200415 99944200411*	99944200451	99944200200	N.A.	99944200202	SRAC-200
GT Models	N.A.	N.A.	N.A.	N.A.	99944200201	N.A.	N.A.

SN = Serial Number

* Kits 99944200411 and 99944200417 include 8" 80-tooth brush blade (20 mm arbor).

** Tiller/Cultivator attachment not available for the following models: SRM-230S/231S/260S/261S/310S/311S/2501S.



ECHO®

Ask Any Pro!™



VERSATILE

ASK ANY PRO

PRO POINTERS

- ECHO's Pro Attachment Series™ is quite possibly the most versatile tool available for lawn and garden maintenance.
- To ensure operator safety, carefully match your tools to the required application before beginning any job.
- Always wear the proper safety gear when operating any equipment. Consult your Operator's and Safety Manuals for more information.
- Carefully check your surroundings and plan out your work before operating any equipment.

PRO ATTACHMENT SERIES™

ECHO's Pro Attachment Series™—A Tool for Every Need.

The ECHO Pro Attachment Series™ (PAS) lets you purchase the tools you need and want—it's your choice! Leave it to ECHO to deliver a powerfully designed system that grows with your individual requirements. Two power sources and 11 commercial-grade attachments (some also fit the SRM-210SB) offer complete flexibility and unbeatable ECHO performance. The Pro Attachment Series™—the latest innovation in a long line of labor-saving, high-value tools from ECHO.



Barrier bar allows use on some accessories and attachments and is standard on all Pro Attachment Series™ power sources. See specific attachment Operator's Manuals for details.

Part #99944200455

25.4cc Power Boost Vortex™ engine with Pro-Fire® ignition for quick, easy starts

PAS-265 shown – see page 36 for more product information.

POWER BLENDX™
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLENDX™ XTENDED LIFE™ OIL
WITH EVERY PRO ATTACHMENT
SERIES™ POWER SOURCE

Rubber over-mold throttle control and front handle for all day comfort

16.9 fl oz capacity see-through fuel tank for long run times

Vibration-reducing engine mounts provide for greater operator comfort

Quick-change coupler makes attachment transition a quick and easy task

All power sources and attachments include heavy-duty flex cable drive shafts

5 year
Consumer
Warranty

**ECHO Quality
Backed by an
Extensive Warranty**

All ECHO PAS Power Sources and attachments feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the cable drive and ignition module.

*Visit www.echo-usa.com/5year to learn more.

PAS-230

The ultimate in versatility for professional and residential applications.

- 22.8 cc Power Boost Tornado™ engine
- Single-source power head fits all PAS attachments
- Positive placement coupler ensures a secure and hassle-free accessory connection with easy change-out between attachments

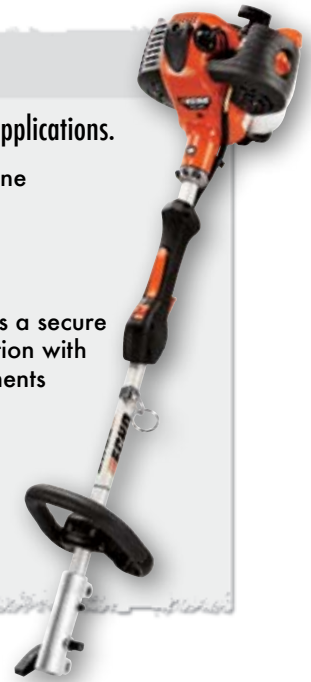


PAS-265

NEW!

Powerful performance for commercial applications.

- 25.4cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- Single-source power head fits all PAS attachments
- Barrier bar included
- Positive placement coupler ensures a secure and hassle-free accessory connection with easy change-out between attachments



PRO ATTACHMENT SERIES™



ECHO Quality Backed by an Extensive Warranty



All ECHO PAS Power Sources and attachments feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the cable drive and ignition module.

*Visit www.echo-usa.com/5year to learn more.

PAS SPECIFICATIONS

Model	Engine Displacement (cc)	Carburetor (w/Purge Pump)	Fuel Capacity (fl. oz.)	Starting System	Length (in)	Dry Weight (lb)*
PAS-230	22.8	Diaphragm	19.6	Standard	40	8.7
PAS-265	25.4	Diaphragm/RB	16.9	i-30™	40	10.8



FREE BOTTLE OF
ECHO POWER BLEND® XTENDED LIFE™ OIL
WITH EVERY PRO ATTACHMENT
SERIES™ POWER SOURCE

Attachment Hanger

Easily hooks to all ECHO Pro Attachment Series™ attachments for convenient storage. Available in a set of four. Each attachment is supplied with one hanger.

Part #99944200630

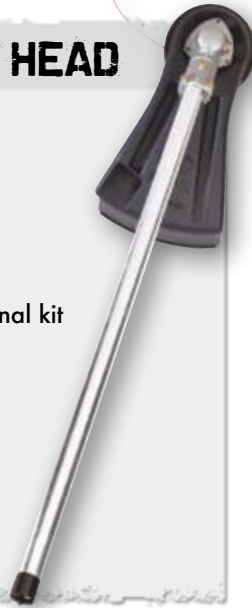


STANDARD TRIMMER HEAD

Turns your PAS power source into a commercial-grade trimmer.

- Cuts up to a 17" swath
- Straight shaft
- Semi-automatic cutting head
- Can be converted to metal blade brushcutting attachment with optional kit
- For use with PAS-230/231, PAS-260/261, PAS-265 or SRM-210SB/211SB

Part #99944200540
Length: 34" Weight: 3.1 lbs



RAPID-LOADER™ HEAD

Turns your PAS power source into a fixed line trimmer.

- Easiest loading trimmer head available
- 2-line cutting head
- Cuts up to a 17" swath
- Straight shaft
- Patented line locking mechanism allows easy installation of line
- For use with PAS-230/231, PAS-260/261, PAS-265 or SRM-210SB/211SB

Part #99944200610
Length: 33" Weight: 3.1 lbs



RAPID-LOADER™

Rapid-Loader™ makes line changes lightning fast. Simply insert two sections of trimmer line and you're ready to go!



Safety Glasses

Six different models combine comfort and style. Each meets all applicable American National Standards Institute ANSI Z87.1-2003 performance criteria. For ECHO's full line of Safety Accessories, see pages 68-71.



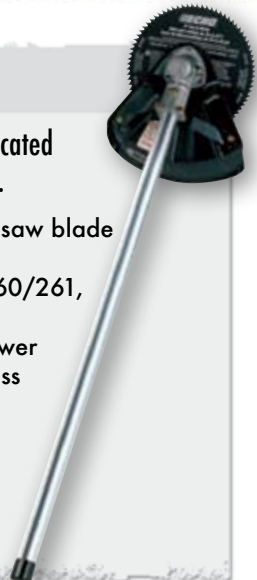
PRO ATTACHMENT SERIES™

BRUSHCUTTER

Turns your PAS power source into a dedicated brushcutter for cutting weeds and brush.

- Equipped with an 8" brushcutting saw blade
- Metal shield
- For use with PAS-230/231, PAS-260/261, PAS-265 or SRM-210SB/211SB
- Barrier bar (included with PAS power source) or U-handle kit with harness required for use on PAS

Part #99944200600
Length: 34" Weight: 3.3 lbs

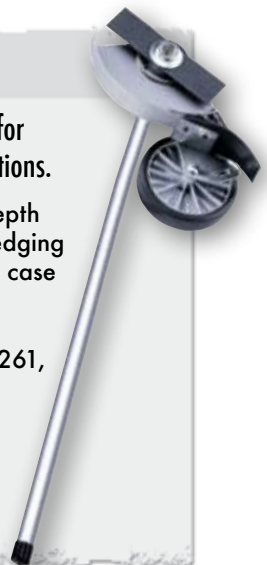


EDGER

Turns your PAS power source into an edger for routine maintenance or commercial applications.

- 8" blade provides excellent cutting depth and durability for sidewalk and bed edging
- Commercial-grade, Pro-Torque™ gear case for excellent productivity
- Clog-resistant metal shield
- For use with PAS-230/231, PAS-260/261, PAS-265 or SRM-210SB/211SB

Part #99944200470
Length: 33" Weight: 5.6 lbs



- **WARNING:** Improper use of any trimmer or brushcutter can cause serious or fatal injury. Read, understand and follow all safety instructions in your Operator's and Safety Manuals. A barrier bar and harness must be used with rigid plastic and metal grass/weed blades. A U-handle and harness must be used with brush and clearing blades. Always use the appropriate debris shield for the type of cutting attachment being used, as explained in your Operator's and Safety Manuals.
- **WARNING:** A barrier bar, harness and blade shield must be attached when using a rigid plastic or metal grass/weed blade with front loop handle.
- **WARNING:** A U-handle, harness and blade shield must be attached when using a brush or clearing blade.

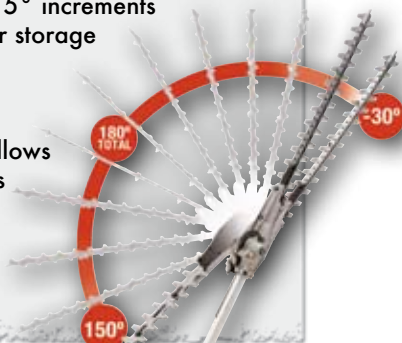
The barrier bar, U-handle, harness and blade shield can be purchased separately from your ECHO dealer. See Blade Set-Up Chart on page 33.

180° ARTICULATING HEDGE TRIMMER (HCA)

Turns your PAS power source into a commercial-grade articulating hedge trimmer.

- 18" double-sided, double-reciprocating blades
- Special gear case allows operational blade set articulation of 180° in 15° increments
- Blade folds flush to shaft for storage
- For use with PAS-230/231, PAS-260/261, PAS-265 or SRM-210SB/211SB
- Multi-position attachment allows for a variety of applications

Part #99944200595
Length: 40" Weight: 6.1 lbs



HEDGE TRIMMER

Turns your PAS power source into a commercial-grade hedge trimmer.

- 20" double-sided, double-reciprocating commercial cutter blades for quick, clean trimming and sculpting
- Extra heavy-duty, commercial-grade gear case for outstanding longevity
- For use with PAS-230/231, PAS-260/261, PAS-265 or SRM-210SB/211SB

Part #99944200485
Length: 50" Weight: 4.7 lbs



PRO ATTACHMENT SERIES™



ECHO Quality Backed by an Extensive Warranty



All ECHO PAS Power Sources and attachments feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the cable drive and ignition module.

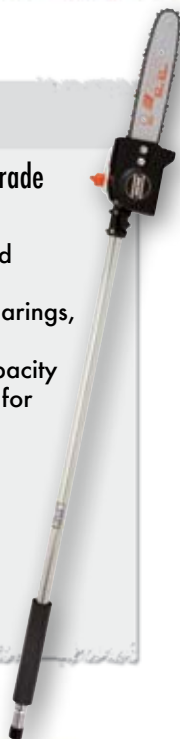
*Visit www.echo-usa.com/5year to learn more.

POWER PRUNER®

Turns your PAS power source into a commercial-grade Power Pruner®.

- Power Pruner® attachment with power head attached is 8' long
- Improved gearbox features dual-sealed bearings, cut steel gears and manual grease port
- 10" bar and chain for excellent cutting capacity
- Heavy-duty gear case and automatic oiler for better durability in commercial use
- For use with PAS-230/231, PAS-260/261, PAS-265 or SRM-210SB/211SB

Part #99944200530
Length: 57" Weight: 4.8 lbs

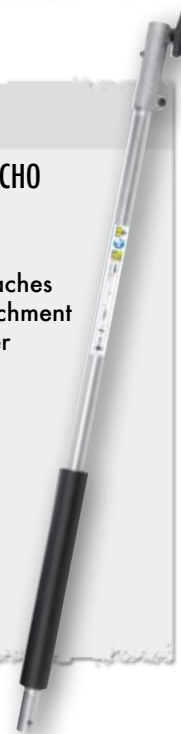


3' EXTENSION

Provides temporary extra reach for selected ECHO PAS attachments.

- 36" long
- Tool-less coupler easily and quickly attaches between the PAS power head and attachment
- For use with Articulating Hedge Trimmer (HCA), Hedge Trimmer, and Power Pruner® attachments

Part #99944200535
Length: 36" Weight: 2.6 lbs



PRO THATCH™

Turns your PAS power source into a commercial-grade dethatcher.

- Lawn dethatching attachment with over 22" of swath
- Promotes a fuller, healthier lawn
- Spring fines
- For use with PAS-230/231, PAS-260/261, PAS-265

Part #99944200560
Length: 37" Weight: 21 lbs



Optional 4-pt. harness makes handling easier
Part #99944200202



PRO SWEEP™

Turns your PAS power source into a commercial-grade power sweeper.

- Over 22" swath delivers fast, efficient cleaning
- .028" dia. concave nylon bristles minimize windrowing and allow for easy and thorough cleaning
- Perfect for all types of surfaces including concrete, lawn and soil
- For use with PAS-230/231, PAS-260/261, PAS-265

Part #99944200550
Length: 36" Weight: 11.2 lbs



ProSweep™ Accessory Bristles
.018" dia. replacement nylon bristles are thinner for clearing pavement, decks and patios (not shown). Part #99944200551



Safety Glasses

Six different models combine comfort and style. Each meets all applicable American National Standards Institute ANSI Z87.1-2003 performance criteria.

For ECHO's full line of Safety Accessories, see pages 68-71.



Landscaper/Sport Gloves

Excellent hand and wrist protection from course debris.

For ECHO's full line of Safety Accessories, see pages 68-71.



PRO ATTACHMENT SERIES™

PRO PADDLE™

Turns your PAS power source into a commercial-grade grass/sod cleaner.

- 22.5" sweeping swath
- (10) 1.625" durable rubber fins offer long life
- Won't harm grass surfaces
- For use with PAS-230/231, PAS-260/261, PAS-265

Part #99944200620
Length: 36.5" Weight: 11.2 lbs

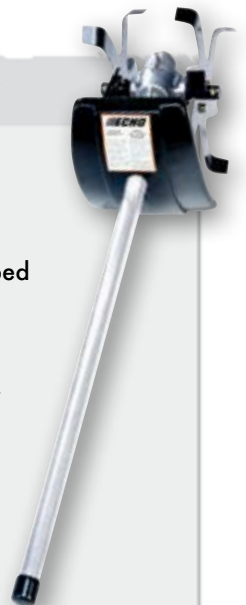


TILLER/CULTIVATOR

Turns your PAS power source into a tiller/cultivator that is perfect for home use or commercial applications.

- 6.5" tilling swath is ideal for flower bed and garden maintenance
- 42:1 gear reduction for high torque tilling action
- For use with PAS-230/231/260/261, PAS-265 or SRM-210SB/211SB

Part #99944200510
Length: 35" Weight: 4.6 lbs





ECHO®

Ask Any Pro!™



PERFECT

ASK ANY PRO

PRO POINTERS

- Always wear the proper safety gear when operating any equipment. Consult your Operator's and Safety Manuals for more information.
- Carefully check your surroundings and plan out your work before operating any equipment.

EDGERS

Perfect Edge™ for a Perfect Look.

ECHO Perfect Edge™ Power Edgers provide that perfect manicured look for commercial and residential sites. Light-weight and easy to maneuver, our edgers deliver superior power and durability with environmentally clean Power Boost Vortex™ and Power Boost Tornado™ engine technologies. ECHO Edgers deliver more torque for exceptional edging performance and are the first choice of lawn care professionals.



25.4cc Power Boost Vortex™ engine with Pro-Fire® ignition for quick, easy starts

Vibration-reducing engine mounts provide for greater operator comfort

16.9 fl oz capacity see-through fuel tank for long run times

Rubber over-mold throttle control and cushioned front handle for all day comfort

PE-265 shown – see page 43 for more product information.

POWER BLEND X
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLEND® XTENDED LIFE™ OIL
WITH EVERY EDGER

59" Curved shaft with flex cable drive

25mm arbor

8" Long, .090" thick blade

Pro-Torque™ gear case



5 year
Consumer
Warranty

**ECHO Quality
Backed by an
Extensive Warranty**

All ECHO Edgers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the flexible cable drive and ignition module.

*Visit www.echo-usa.com/5year to learn more.

PE-200 PERFECT EDGE™

The preferred choice for both commercial and residential edging applications.

- 21.2 cc Power Boost Vortex™ engine
- Durable plastic debris shield with heavy-duty height adjustment wheel
- Patented rubber debris flap
- Extra large guide wheel with solid rubber tread
- Unique pivot mechanism provides for fast and easy adjustment to any cutting depth



PE-230 PERFECT EDGE™

This commercial-duty edger incorporates many upgraded features.

- 22.8 cc Power Boost Tornado™ engine
- Pro-Torque™ gear case
- Clog-resistant metal shield
- Vibration-reducing engine mount and cushioned left and right handles provide great operator comfort



EDGERS



ECHO Quality Backed by an Extensive Warranty



All ECHO Edgers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the flexible cable drive and ignition module.

*Visit www.echo-usa.com/5year to learn more.

EDGER SPECIFICATIONS

Model	Engine Displacement (cc)	Fuel Capacity (fl. oz.)	Starting System	Debris Shield	Blade Length (in)	Blade Thickness (in)	Dry Weight (lb)
PE-200	21.2	15.2	Standard	Plastic	8	0.090	12.4
PE-230	22.8	19.6	Standard	Die-Cast Metal	8	0.090	13.4
PE-265	25.4	16.4	i-30™	Die-Cast Metal	8	0.090	15.1
PE-280	28.1	21.6	Standard	Die-Cast Metal	8	0.090	15.2

STARTER KITS

i-75™ Starter Kit, 21.2cc Engines

Part #99944200001

PE-265 PERFECT EDGE™

Powerful performance, innovative features and perfect results.

- 25.4cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- Vibration-reducing engine mounts
- Rubber over-mold throttle control and cushioned front handle
- Pro-Torque™ gear case
- Clog-resistant metal shield



PE-280 PERFECT EDGE™

Top-of-line edger in a new class of performance.

- 28.1cc Power Boost Vortex™ engine
- Vibration-reducing engine mounts
- Rubber over-mold throttle control and cushioned front handle
- Pro-Torque™ gear case
- Clog-resistant metal shield



Safety Glasses

Six different models combine comfort and style. Each meets all applicable American National Standards Institute ANSI Z87.1-2003 performance criteria.

For ECHO's full line of Safety Accessories, see pages 68-71.



Landscaper/Sport Gloves

Excellent hand and wrist protection from course debris.

For ECHO's full line of Safety Accessories, see pages 68-71.



EDGERS



8" Premium Edger Blade

For edging driveways, sidewalks, flower beds and other borders. Increased thickness for more durability.

- .181" Blade Thickness (2 Per Pkg)
Part #69601553630
- .181" Blade Thickness (25 Per Pkg/Bulk)
Part #99944205000



8" Standard Edger Blade

For edging driveways, sidewalks, flower beds and other borders.

- .090" Blade Thickness (2 Per Pkg)
Part #69601552632
- .090" Blade Thickness (50 Per Pkg/Bulk)
Part #99944201000



Crack Chaser Wire Wheel

For clearing cracks in driveways, paver bricks and other constructed surfaces.

- 6-7/8" Diameter, 25 mm Arbor Size.
Part #99944206000

Safety Manuals & Videos

- ECHO Safety Video (DVD)
Part #99922203905
- ECHO Spanish Safety Video (DVD)
Part #99922203909



ECHO®

Ask Any Pro!™



POWERFUL
ASK ANY PRO



BLOWERS

Biggest...Baddest...Boldest.

The ECHO PB-755 Power Blower features a big, powerful engine, unmatched airflow, a bold new color and many additional features including an extra flexible tube, a short and easy-to-service hip-mount throttle (PB-755H only), and increased tube rotation for operator mobility.



PB-755H shown – see page 47 for more product information.

Straight back, "L" frame

Top-mount automotive-style air filter

Short hip-mount throttle

65.8 oz. see-through fuel tank

Extra-flexible tube

Wide-angle tube rotation

POWER BLEND^X
XTENDED LIFE OIL
FREE BOTTLE OF
ECHO POWER BLEND[®] XTENDED LIFE[™] OIL
WITH EVERY BLOWER

HANDHELD BLOWER SPECIFICATIONS

Model	Engine Displacement (cc)	Carburetor (w/ Purge Pump)	Pro-Fire [®] Electronic Ignition	Fuel Capacity (fl. oz.)	See-through Fuel Tank	Helper Handle	Average Air Volume (cfm-pipe)*	Average Air Volume (cfm-housing)**	Maximum Air Speed (mph-pipe)*	dB(A)†	Dry Weight (lb)#
PB-251	25.4	Diaphragm	Standard	14.4	Standard	N.A.	390	509	145	65	9.9

* Measured at end of pipe. ** Measured at the housing. † per ANSI B175.2-2002. #With standard pipes.

BACKPACK BLOWER SPECIFICATIONS

Model	Engine Displacement (cc)	Carburetor (w/ Purge Pump)	Pro-Fire [®] Electronic Ignition	Fuel Capacity (fl. oz.)	See-through Fuel Tank	Helper Handle	Average Air Volume (cfm-pipe)*	Average Air Volume (cfm-housing)**	Maximum Air Speed (mph-pipe)*	dB(A)†	Dry Weight (lb)#
PB-265L	25.4	Diaphragm	Standard	21	Standard	Standard	355	458	135	65	13.3
PB-413	44	Diaphragm	Standard	64	Standard	Standard	380	800	175	71	20.7
PB-410	39.7	Diaphragm±	Standard	47.3	Standard	Standard	380	630	175	72	24.2
PB-460LN	44	Diaphragm	Standard	64	Standard	Standard	380	800	175	65	26.4
PB-610	58.2	Diaphragm	Standard	64	Standard	Standard	530	900	185	72	24.1
PB-620	58.2	Diaphragm	Standard	64	Standard	Standard	530	900	185	72	20.9
PB-755SH/T	63.3	Rotary	Standard	68	Standard	N.A.	620	1240	205	74	24.7
PB-755H/T	63.3	Rotary	Standard	65.8	Standard	Standard	625	1260	205	74	26.2

* Measured at end of pipe. ** Measured at the housing. † per ANSI B175.2-2002. #With standard pipes. ±Without purge pump.

PB-265L **NEW!**

Comfortable operation coupled with low noise performance.

- 65 dB(A)*
- Ideal for noise sensitive environments
- 25.4 cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- Posi-loc™ pipe connection system
- Padded backrest and shoulder straps
- Variable speed throttle with cruise control



* Per ANSI B175.2-2002

PB-413

Provides dependable operation and exceptional comfort for long hours of operation.

- 44 cc Power Boost Tornado™ engine
- Easy-to-reach, tube-mounted or hip-mounted (shown) throttle with cruise control
- 64 fl. oz. see-through fuel tank provides for extended run times
- Pleated, automotive-type commercial air filter



BLOWERS



ECHO Quality Backed by an Extensive Warranty



All ECHO Backpack Blowers feature a 5 year* consumer, 2 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

* Visit www.echo-usa.com/5year to learn more.

PB-410

Heavy-duty blower with metal frame construction, metal fan housing and a powerful engine.

- 39.7 cc Power Boost Tornado™ engine
- Variable speed hip-mounted throttle
- Built-in backrest and vibration isolators for greater comfort
- Converts to mister with optional attachment
- Commercial-grade air filter



PB-460LN QUIET 1™

Ultra quiet at only 65 dB(A)* at wide-open throttle with patented sound attenuation technology.

- 44 cc Power Boost Tornado™ engine
- Ideal for noise-sensitive environments
- Variable speed left hip-mounted throttle assembly with cruise control
- Padded backrest and easy-to-adjust shoulder straps
- Super-duty, automotive-type commercial air filter
- Roll cage-type frame is light-weight for durability



* Per ANSI B175.2-2002

PB-610

Designed with the professional in mind, unsurpassed in power and durability.

- 58.2 cc Power Boost Tornado™ engine
- Variable speed left hip-mounted throttle with cruise control
- 64 fl. oz. see-through fuel tank
- Super-duty, automotive-type commercial air filter
- Roll cage-type frame offers engine protection



PB-620

The standard for light-weight and operator ergonomics, delivers commercial-grade power at the pipe.

- 58.2 cc Power Boost Tornado™ engine
- Variable speed tube-mounted throttle with cruise control
- 64 fl. oz. see-through fuel tank
- Pleated, automotive-type commercial air filter
- "L" shaped frame provides light weight while maintaining durability



ECHO-exclusive Posi-loc™ pipes ensure a secure pipe connection at all times.



BLOWERS

PB-755S **NEW!**

ECHO's most powerful blower.

- 63.3 cc Power Boost Tornado™ engine
- Easy-to-reach, tube-mounted throttle with cruise control
- Full, wide angle tube rotation for increased operator mobility
- Extra flexible tube for easy cold weather operation



PB-755

ECHO's most powerful blower coupled with super-duty air-filtration.

- 63.3 cc Power Boost Tornado™ engine
- Easy-to-reach, tube-mounted or hip-mounted throttle with cruise control
- Super-duty, automotive-style filtration
- Short, hip-mount throttle for easy use and simple maintenance (PB-755H)
- Full, wide angle tube rotation for increased operator mobility
- Extra flexible tube for easy cold weather operation



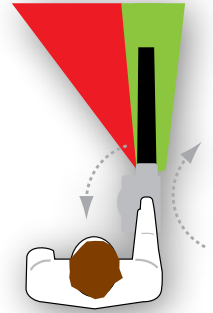
PB-251 **NEW!**

Outstanding low noise performance and light weight.

- "Rotational Control" technology increases comfort
- 25.4 cc Power Boost Vortex™ engine
- 65 dB(A)* for noise sensitive environments
- Positive locking collar keeps tube secure
- 3-Position top handle for a variety of blowing conditions
- Parallel handles aid in directional operation
- Posi-loc™ pipe connection system
- Works with ECHO Mosquito YardShield™



"Rotational Control" design reduces the effort required to keep the blower from rotating in towards the operator's legs (like most handheld models do) and actually delivers a slight pull away from the operator (green section). The effect makes the blower easier to handle and reduces stress on the operator's arm.



* Per ANSI B175.2:2002

BLOWERS



ECHO Quality Backed by an Extensive Warranty



All ECHO Handheld Blowers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.



Mosquito YardShield™ Attachment Kit

Attaches to ECHO PB-200, PB-201 or PB-251 Blowers to expel an insect abatement agent which kills mosquitoes on contact and creates a protective barrier.



FREE BOTTLE OF ECHO POWER BLEND® XTENDED LIFE™ OIL WITH EVERY BLOWER



PBAM-400E
Turns your ECHO PB-410 blower into a high-productivity mister for greenhouse and garden insect control applications. Sprays up to 20'.



Rain Gutter Cleaning Kit
Makes year-round gutter cleaning easier. Tubes are approximately 7' long when assembled.



Blower Tube Helper Handle
Accurately direct your blower velocity to where it's most productive.

BLOWER ACCESSORIES

Compatible ECHO Power Blower Units*	PBAM-1000	PBAM-4600	PBAM-400E	99944100205	99944100215	30100505060	99944100030	99944100001	99944100002	99944100003	99944100010	99944100025	001106	001107	99944100020	21002303461	99944200222	E165000160	900500	99944200300	
			Mister Attachment	Replacement Vacuum Bags		Shoulder Straps		Tube Mount Throttle		Rain Gutter Kit		Blower Handles			Curved Blower Tube**		Posi-loc™ Curved Blower Tube		Static Protection Kit	Mosquito YardShield™ Attachment Kit	
PB-200/201											•										•
PB-210/211							•				•										
PB-210E							•				•										
PB-2100							•				•										
PB-230LN/231LN							•				•										
PB-2400							•				•										
PB-24LN							•				•										
PB-251												•									•
PB-260L/261L											•				•						
PB-265L											•	•									
PB-400											•		•								
PB-400E			•								•		•								
PB-403/413		•									•										
PB-410/411			•								•										
PB-4600		•									•										
PB-46LN		•						•			•										
PB-46HT		•						•			•										
PB-460LN/461LN		•						•			•										
PB-600		•						•	•		•		•			•					
PB-601		•									•					•					
PB-610		•							•			•					•				
PB-620		•										•					•				
PB-651										•		•					•				
PB-751										•		•					•				
PB-755S												•					•				
PB-755												•				•					
PB-6000											•										
PB-60HT								•			•		•	•							
PB-1000	•					•	•				•										
PB-1010	•					•					•										
ES-1000				•		•					•										
ES-2000				•		•					•										
ES-2100/ES-210				•							•										
ES-2400/ES-230				•			•				•										
Vacuum Attachments																					
PBAV-300				•																	
PBAV-1000																					
PBAV-4500				•																	
PBAV-4600				•																	

* Not all units listed are currently available from production. ** Not for use with Posi-loc™ tubes.

ECHO®

Ask Any Pro!™



PROTECTIVE
ASK ANY PRO

MOSQUITO YARDSHIELD™ ATTACHMENT KIT

Take Back the Outdoors! The most effective and cost efficient insect abatement system is now available. The ECHO Mosquito YardShield™ Attachment Kit is a backpack tank and a specially-designed nozzle that works with the ECHO PB-200, PB-201 or PB-251 blower. Together they expel an insect abatement agent, which kills mosquitoes and other insects on contact, creating a protective barrier. Simply connect the Attachment to the blower, mix the Mosquito YardShield Concentrate with water in the backpack tank and...Take Back the Outdoors!

Visit www.echo-usa.com/mosquito to learn more and to see a video of Mosquito YardShield in action.



MOSQUITO YARDSHIELD™



Mosquito YardShield™ Concentrate

Mosquito YardShield™ Concentrate comes in an easy-to-measure 8 oz. bottle. Simply squeeze 1.25 fl. oz. of concentrate into the measurement reservoir and mix with 1.5 gallons of water. One tank provides up to 15,000 sq. ft. of coverage.

Part #99944200310

KILLS MOSQUITOES ON CONTACT

Also controls other flying and crawling insects.

PROVIDES PROTECTIVE BARRIER

One tank controls insects in a 15,000 sq ft protective barrier.

TOOL-LESS ASSEMBLY & EASY TO USE

Kit easily attaches to blower and allows effective application in hard to reach breeding grounds.

2 USES FOR 1 BLOWER

Easily converts into a powerful handheld blower.



ECHO®

Ask Any Pro!™



MULTI-PURPOSE
ASK ANY PRO

SHRED 'N' VAC®

Blow it! Shred it! Bag it! Anyway you want it, ECHO's versatile Shred 'N' Vac® turns yard debris into garden mulch fast. With ECHO's Power Boost Vortex™ and Power Boost Tornado™ engines, you have the power to reduce a volume of debris by a ratio of up to 12 to 1. The large two bushel capacity bag minimizes emptying. Both models quickly convert to blower or vacuum applications.

POWER BLEND X
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLEND® XTENDED LIFE™ OIL
WITH EVERY SHRED 'N' VAC®

Cruise control is
standard on all models



35" long intake tube
provides easy reach for
shredding and blowing



ES-230 converted to a power blower.



Patented 4-blade shredder
reduces yard waste by a
12:1 ratio. This minimizes the
time and cost required for
lawn cleanup.

Faster starts with
Pro-Fire® electronic
ignition



Replacement Bag
Part #99944100205

**ECHO Quality
Backed by an
Extensive Warranty**

5
year
Consumer
Warranty

All ECHO Shred 'N' Vacs® feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

SHRED 'N' VAC®

SHRED 'N' VAC® SPECIFICATIONS

Model	Engine Displacement (cc)	Carburetor	Fuel Capacity (fl. oz.)	Air Volume(cfm-pipe)	Air Volume(cfm-housing)	Air Speed (mph)	dB(A) Blower/Vac	Dry Weight* (lb)
ES-210	21.2	Diaphragm w/Purge Pump	17	305	340	140	69/71	9.7
ES-230	22.8	Rotary w/Purge Pump	20.3	345	400	155	67/71	11.5

* With blower pipes

ES-210

The ES-210 is ideal for residential lawn maintenance.

- 21.2 cc Power Boost Vortex™ engine
- Can be used as a handheld shredder/vacuum or converted to a handheld blower (pipes included)
- Fully adjustable throttle lock



POWER BOOST
VORTEX

300
BURABILITY
RATING

5
year
Consumer
Warranty

ES-230

The ES-230 is especially designed for commercial-duty property maintenance.

- The 22.8 cc Power Boost Tornado™ engine provides up to 20% more torque
- A specially designed, foam-cushioned rear handle provides hours of comfortable usage
- Housings made of high impact plastic
- New heavy-duty intake tube provides secure housing connection



POWER BOOST
TORNADO

300
BURABILITY
RATING

5
year
Consumer
Warranty

ECHO®

Ask Any Pro!™



QUICK
ASK ANY PRO

HEDGE TRIMMERS

A Cut Above the Rest. For professionals who demand performance, ECHO Hedge Trimmers deliver. They're tough, reliable and loaded with intelligent features like: a throttle lock-out to help prevent accidental blade engagement, a commercial-grade gear case and cutters for the heaviest applications, vibration-reducing engine mounts and handles for operator comfort. And Power Boost Vortex™ and Power Boost Tornado™ engine technologies are powerful, fuel efficient and environmentally clean.

RazorEdge™ blades are laser cut and precision ground for long-lasting sharpness



ECHO Quality Backed by an Extensive Warranty



All ECHO Hedge Trimmers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

HEDGE TRIMMERS

HEDGE TRIMMER SPECIFICATIONS

Model	Engine Displacement (cc)	Carburetor (w/Purge Pump)	Fuel Capacity (fl. oz.)	See-through Fuel Tank	Blade Length (in)	Shaft Length (in)	Cutter Type	Dry Weight (lb)
HC-150	21.2	Rotary	16.9	Standard	20	N.A.	Double sided, Double-reciprocating	10.7
HC-150i	21.2	Rotary	16.9	Standard	20	N.A.	Double sided, Double-reciprocating	11.3
HC-165	21.2	Rotary	16.9	Standard	24	N.A.	Double sided, Double-reciprocating	12.1
HC-185	21.2	Rotary	16.9	Standard	30	N.A.	Double sided, Double-reciprocating	12.6
HC-235	21.2	Rotary	15.9	Standard	30	N.A.	Single sided, Double-reciprocating	12.8
HC-245	21.2	Rotary	15.9	Standard	40	N.A.	Single sided, Double-reciprocating	14
SHC-212	21.2	Rotary	15.2	Standard	20	20	Double sided, Double-reciprocating	12.1
SHC-210	21.2	Rotary	15.2	Standard	20	33	Double sided, Double-reciprocating	12.9
SHC-265	25.4	Rotary	16.9	Standard	20	51	Double sided, Double-reciprocating	14
HCA-265	25.4	Rotary	16.9	Standard	20	59	Double sided, Double-reciprocating	15.3



Blade design features three sharpened edges for single-pass cutting.

(all ECHO Hedge Trimmer models).

POWER BLEND^X
XTENDED LIFE™ OIL

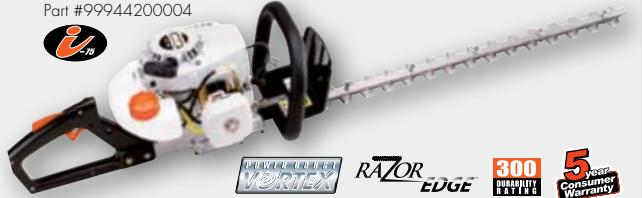
FREE BOTTLE OF
ECHO POWER BLEND® XTENDED LIFE™ OIL
WITH EVERY HEDGE TRIMMER

HC-150

High-performing, commercial-grade 20" hedge trimmer.

- 21.2 cc Power Boost Vortex™ engine
- RazorEdge™ blades are laser cut and precision ground for long-lasting sharpness and enhanced cutting performance
- 20" double-sided, double-reciprocating blades
- Commercial-duty air filtration system

i-75™ Starter Kit (HC150 only)
Part #9994420004



HC-150 i™

Commercial-grade hedge trimmer with our popular i-75™ starting system.

- 21.2 cc Boost Vortex™ engine
- i-75™ technology provides a 75% reduction in starting effort
- 20" double-sided, double-reciprocating blades
- Commercial-duty air filtration system



HC-165 **NEW!**

Powerful performance in a commercial-grade 24" hedge trimmer.

- 21.2cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- 5-Position rotating rear handle for a variety of cutting positions
- 24" double-sided, double-reciprocating RazorEdge™ blades
- Commercial-duty air filtration system
- Vibration reduction system isolates front and rear assembly engine and gear case



HC-185 **NEW!**

Commercial-grade 30" double-sided hedge trimmer.

- 21.2cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- 5-Position rotating rear handle for a variety of cutting positions
- 30" double-sided, double-reciprocating RazorEdge™ blades
- Commercial-duty air filtration system
- Vibration reduction system isolates front and rear assembly engine and gear case



HC-235 **NEW!**

Heavy-duty 30" single-sided hedge trimmer.

- 21.2cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- 30" single-sided, double-reciprocating blades
- Commercial-duty air filtration system
- Vibration reduction system on rear handle

Debris Deflector Shield
Part#99945100010

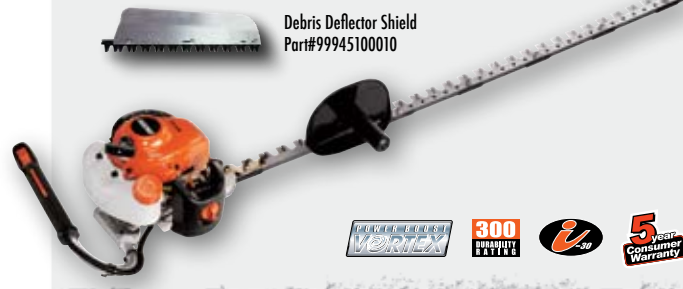


HC-245 **NEW!**

Commercial-grade 40" single-sided hedge trimmer.

- 21.2cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- 40" single-sided, double-reciprocating blades
- Commercial-duty air filtration system
- Vibration reduction system on rear handle

Debris Deflector Shield
Part#99945100010



HCA-265 **NEW!**

A 59" shaft for long-reach cutting ability and 180° of operational articulation.

- 25.4cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- 20" double-sided, double-reciprocating RazorEdge™ blades
- Articulating gear case allows blade adjustment in 15° increments with a total range of 180°
- Commercial-duty air filtration system
- Extra heavy-duty engine vibration reduction mount and rubber over-mold handles

POWER BOOST VORTEX **RAZOR EDGE**

300
HOUR
DURABILITY
RATING



5
Year
Consumer
Warranty



Hedge Trimmer Safety Manuals & Videos

Hedge Trimmer Safety Manuals

Part #89857008962

Hedge Trimmer Safety Video (VHS)

Part #99922202806

Hedge Trimmer Spanish Safety Video (VHS)

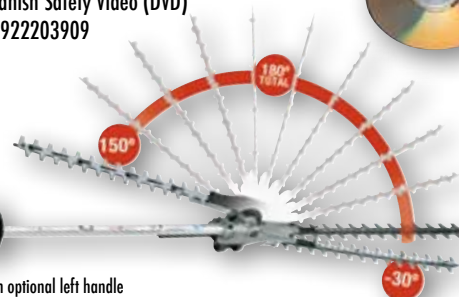
Part #99922203513

ECHO Safety Video (DVD)

Part #99922203905

ECHO Spanish Safety Video (DVD)

Part #99922203909



Shown with optional left handle

SHC-210

Superior reach and balance with state-of-the-art, shaft-type design.

- 21.2 cc Power Boost Vortex™ engine
- 33" shaft increases reach and limits stooping to cut low growth
- Shaft hedge trimmer mounts engine and blade set on opposite sides of shaft for greater balance
- 20" double-sided, double-reciprocating RazorEdge™ blades
- Vibration-reducing engine mounts and handles for increased comfort



POWER BOOST VORTEX

RAZOR EDGE

300
HOUR
DURABILITY
RATING

5
Year
Consumer
Warranty

ECHO Quality Backed by an Extensive Warranty

5
Year
Consumer
Warranty

All ECHO Hedge Trimmers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module. Models HC-235 and HC-245 have a 2 year gear case component warranty. Models SHC-210, SHC-212, SHC-265 and HCA-265 carry a lifetime warranty on the flexible cable drive.

*Visit www.echo-usa.com/5year to learn more.

HEDGE TRIMMERS

SHC-212

Short shaft provides great maneuverability and outstanding balance.

- 21.2 cc Power Boost Vortex™ engine
- 20" shaft makes it the lightest shafted hedge trimmer in its class
- 20" double-sided, double-reciprocating RazorEdge™ blades
- Vibration-reducing engine mounts and handles for increased comfort



POWER BOOST VORTEX

RAZOR EDGE

300
HOUR
DURABILITY
RATING

5
Year
Consumer
Warranty

SHC-265 **NEW!**

ECHO's longest SHC unit with a high-performing engine.

- 25.4cc Power Boost Vortex™ engine
- 30% reduction in starting effort
- 20" double-sided, double-reciprocating RazorEdge™ blades
- 51" shaft enables operator to trim tall hedges
- 7° angled shaft provides a wide-angle view for trimming complex shapes
- Commercial-duty air filtration system
- Extra heavy-duty engine vibration reduction mount



POWER BOOST VORTEX

RAZOR EDGE

300
HOUR
DURABILITY
RATING



5
Year
Consumer
Warranty

ECHO[®]

Ask Any Pro![™]



RELIABLE
ASK ANY PRO

GAS POWERED SPRAYERS

A Complete Line of Quality Sprayers for Every Need.

Whether you require a heavy-duty, gas-powered sprayer or a reliable manual sprayer, ECHO has you covered. ECHO Sprayers apply herbicides, pesticides and fertilizers evenly and cleanly – up to 20' away! Our sprayers are engineered for reliable, dependable, commercial use. The powerful MS-40 and MS-50 sprayers feature safety check valves to prevent leaks, a recirculating agitator to keep chemicals mixed and an ergonomic shoulder strap assembly for improved operator comfort.



For big jobs, ECHO's SHR-210 gas-powered backpack sprayer with optional jet nozzles can spray up to 20'. For smaller jobs, ECHO offers a complete line of manual sprayers.

Metal wand for durability and long life

2-head spray nozzle attached to metal wand for long durability and long life

Wide 6" mouth opening provides for easy filling and cleaning

Heavy-duty tank, treated with UV inhibitors

High performance, 2-stroke engine with Pro-Fire® electronic ignition

ECHO Quality Backed by an Extensive Warranty



All ECHO Sprayers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty. The SHR-210 features a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

POWER BLEND^{XT}
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLEND^{XT} OIL
WITH EVERY SHR-210 SPRAYER

SHR-210 SPRAYER ACCESSORIES

Part Number	Description
22410110610	4-Head Ring Nozzle (Non-Adjustable)
22410410611	7-Head Line Nozzle
22420110611	2-Head T Nozzle
22420210611	2-Head Nozzle (Line-Type)
22420310611	Standard Nozzle
P050000030	Pistol Grip Adjustable Nozzle
E025000260	Long Adjustable Jet Nozzle
22410310610	Short Adjustable Jet Nozzle
E270000030	Nozzle Pipe
99090185025	75' Extension Hose

SHR-210

Gas-powered backpack model for the toughest applications.

- Recirculating pump keeps chemicals mixed while allowing engine to run without building excessive pressure
- 21.2 cc Power Boost Tornado™ engine
- Tank drain for easy and controlled chemical removal
- Sprays up to 20' with optional jet nozzles for hard-to-reach places
- Shoulder straps



Model	Engine Displacement (cc)	Tank Capacity (gal.)	Fuel Capacity (fl. oz.)	Maximum Discharge (gal./min.)	Pressure Rating (psi)	Dry Weight (lb)
SHR-210	21.2	5	17.6	1.9	Up to 145	17.1

MS-20

Light-weight, 2.2 gallon tank delivers extended run time and easy portability.

- Heavy-duty polyethylene tank with UV inhibitors
- 16" brass wand with adjustable nozzle
- Critical seals and O-rings made of Viton™ formulation allow extended use of chlorine, Clorox® and other harsh chemicals
- Heavy-duty, corrosion-resistant polymer pump for longer life, less maintenance
- Integrated handle and wand holder for easy pumping, carrying and wand storage



MS-35

Versatile, 4 gallon commercial-grade sprayer.

- Heavy-duty polyethylene tank with UV inhibitors
- 16" brass wand with adjustable nozzle
- Flat, stable base reduces risk of accidental tipping
- Critical seals and O-rings made of Viton™ formulation allow extended use of chlorine, Clorox® and other harsh chemicals
- Heavy-duty, flexible handle provides added comfort
- Replaceable spray gun provides quick change-out for replacement, repair or maintenance



SPRAYERS



ECHO Quality Backed by an Extensive Warranty



All ECHO Sprayers feature a 5 year* consumer, 1 year commercial and 90 day rental warranty. The SHR-210 features a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

MS-4

Commercial favorite, 4 gallon backpack sprayer with steady flow diaphragm pump.

- 16" brass wand with adjustable brass nozzle
- Safety check valve prevents leaks if tank is tipped
- Critical seals and O-rings made of Viton™ formulation
- 6" mouth for easy filling and cleaning
- Reinforced, center-mounted 3' hose



MS-40

Heavy-duty, 4 gallon backpack model with piston pump makes this the choice for extended spraying.

- Heavy-duty polyethylene tank with UV inhibitors
- Critical seals and O-rings made of special Viton™ formulation allow extended use of chlorine, Clorox® and other harsh chemicals
- 16" brass wand with fan spray nozzle
- Safety check valve prevents leaks if tank is tipped
- 6" mouth for easy filling and cleaning
- Steel pump handle folds back for easy transport and storage
- Premium quality spray pistol with brass shut-off pin and double O-rings
- Agitator paddle keeps wettable powders mixed



MS-50

Large 5.4 gallon tank with heavy-duty piston pump makes this the sprayer for professional applications.

- Heavy-duty polyethylene tank with UV inhibitors
- 20" brass wand with adjustable brass nozzle
- Safety check valve prevents leaks if tank is tipped
- Critical seals and O-rings made of special Viton™ formulation allow extended use of chlorine, Clorox® and other harsh chemicals
- 6" mouth for easy filling and cleaning
- Premium quality spray pistol with brass shut-off pin and double O-rings
- Deluxe, padded straps provide comfort
- Agitator paddle keeps wettable powders mixed



MS-100

ECHO's finest, deluxe manual sprayer has a unique piston/diaphragm pump designed for long life.

- Heavy-duty 4.5 gal. polyethylene tank with UV inhibitors
- Brass shut-off pin and double O-rings deliver long-lasting spray pistol performance
- 20" brass wand with adjustable brass nozzle
- Safety check valve prevents leaks if tank is tipped
- Critical seals and O-rings made of Viton™ formulation
- 6" mouth for easy filling and cleaning
- Carrying handle in cap. Solid steel pump handle folds back for easy transport and storage



Shoulder Straps

All Sprayers come complete with ergonomically designed shoulder straps for greater operator comfort.



MANUAL SPRAYER SPECIFICATIONS

Model	Tank Capacity (gal.)	Pressure Rating (psi)	Dry Weight (lb)
MS-20	2.2	15-40	4.2
MS-35	4	15-40	7
MS-4	4	15-70	9.8
MS-40	4	15-168	10.6
MS-50	5.4	15-168	12.2
MS-100	4.5	15-150	10.9

Note:
One gallon of water weighs approximately eight pounds.

RECOMMENDED APPLICATIONS

Clorox® is a registered trademark of the Clorox Company.

Model	MS-20	MS-35	MS-4	MS-40	MS-50	MS-100	SHR-210
Chlorine Bases	•	•		•	•		
Fertilizers	•	•	•	•	•	•	•
Herbicides	•	•	•	•	•	•	•
Insecticides	•	•	•	•	•	•	•
Pesticides	•	•	•	•	•	•	•
Oil Based Sprays	•	•	•	•	•	•	•
Solvent Based Sprays	•	•	•	•	•	•	•
Stains/Sealers	•	•	•	•	•	•	•
Wettable Powders	•	•	•	•	•	•	•

(limited amounts)

MANUAL SPRAYER ACCESSORIES

Part Number	Description	Part Number	Description	Part Number	Description
99944100310	16" Brass Wand	99944100430	78" Fiberglass Spray Wand	99944100360	14.5 psi Valve Regulator (Yellow)
99944100240	26" Brass Wand	99944100470	Universal Spray Gun, 16" Brass Wand and Adjustable Brass Nozzle (for all 3/8" Hoses)	99944100370	21 psi Valve Regulator (Red)
99944100220	66" Brass Wand			99944100380	29 psi Valve Regulator (Blue)
99944100440	22.8-37" Telescoping Fiberglass Spray Wand	99944100330	Spray Gun Assembly	99944100080	Small Spray Shield
99944100410	39" Fiberglass Spray Wand	99944100340	Adjustable Brass Spray Nozzle	99944100460	Large Spray Shield
99944100420	60" Fiberglass Spray Wand	99944100320	Adjustable Plastic Spray Nozzle	99944100190	Long Strap Kit
		99944100350	Fan Spray Nozzle/Deck Sealing		

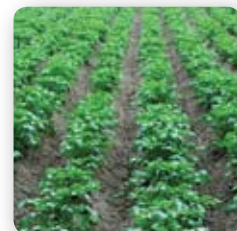
Turn Your Most Difficult Tilling Jobs into Easy Productive Work. Light-weight for comfort, yet heavy-duty for performance, the ECHO TC-210i Tiller/Cultivator features ECHO's exclusive i-75™ system which reduces the required starting effort by 75%. This makes the TC-210i quite possibly the easiest to use of all your powered garden tools. Features include a 21.2 cc Power Boost Vortex™ engine with electronic ignition, quad port emission technology and a purge-pump-equipped carburetor for quick, dependable starts. A worm gear-type transmission provides high rpm and high tine torque for tough soil conditions. Four, 10-tooth tines dig furrows up to 9" wide and 6" deep. The TC-210i is also ideal for aerating soil and keeping your beds weed-free.

ECHO Quality Backed by an Extensive Warranty



ECHO's Tiller/Cultivator features a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the tines and ignition module.

*Visit www.echo-usa.com/5year to learn more.



Right control incorporates throttle control and stop switch



TILLER/CULTIVATOR

POWER BLEND^X
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLEND[®] XTENDED LIFE™ OIL
WITH EVERY TILLER/CULTIVATOR

PRODUCTIVE
ASK ANY PRO

TC-210

Tremendous performance from a small package.

- i-75™ technology provides a 75% reduction in starting effort
- Stop switch and throttle control located at operator's fingertips
- Worm gear-type transmission (42:1 reduction) provides high tine rpm and high torque
- Four, 10-tooth tines provide smooth tilling action for up to 9" wide furrows
- Reversible, hardened-steel tines have a lifetime warranty



"E-Z" Lift helper handle



Four, 10-tooth reversible, hardened-steel tines with lifetime warranty



Power Boost Vortex™ engine with Pro-Fire[®] electronic ignition, plus a purge-pump-equipped, all-position carburetor for quick, easy starts

ECHO's exclusive i-75™ system reduces starting effort by 75%

Worm gear-type transmission for maximum performance and dependability

CSG-670

Super rugged, super efficient 12" cut-off saw.

- 66.7 cc high performance, 2-stroke engine
- High speed governor maintains engine speed between 9,500 and 10,500 rpm; wheel speed ranges between 4,750 and 5,250 rpm
- Accommodates 20 mm inner diameter 12" wheels
- Cutting arm position is reversible for center or flush cuts

Note: This unit uses 12" diameter cutting wheels only.



CSG-680

Top-of-the-line cut-off saw accepts 12 or 14" wheels.

- 66.7 cc high performance, 2-stroke engine
- High speed governor maintains engine speed between 9,500 and 10,500 rpm; wheel speed ranges between 4,750 and 5,250 rpm
- Wheel position is reversible for center or flush cuts
- 25 mm inner diameter wheels may be used with optional adapter 99944700200
- Compensating diaphragm carburetor maintains consistent cutting power under load

CSG-680 with Water Kit attached.



POWER BLEND^X
XTENDED LIFE OIL

FREE BOTTLE OF
ECHO POWER BLEND[®] XTENDED LIFE[™] OIL
WITH EVERY CUT-OFF SAW

RUGGED
ASK ANY PRO

CUT-OFF SAWS

CUT-OFF SAW SPECIFICATIONS

Model	Engine Displacement (cc)	Engine Displacement (cu. in.)	Fuel Capacity (fl. oz.)	Cutting Wheel* (dia.) (mm)	Arbor Size (mm)	Dry Weight (lb)
CSG-670	66.7	4.07	21	305 x 20 (12")	20	23.8
CSG-680	66.7	4.07	21	355 x 20 (14")	20	25.1

*Note: Cutting wheels sold separately.

WHEELS*

Part Number	Wheel Description	Application	Part Number	Wheel Description	Application
99944700012	12", 25 mm Diamond	General Purpose	99944700011	12", 20 mm Diamond	General Purpose
99944700130	12", 25 mm Abrasive	Concrete	99944700080	12", 20 mm Abrasive	Concrete
99944700120	12", 25 mm Abrasive	Asphalt	99944700070	12", 20 mm Abrasive	Asphalt
99944700016	12", 25 mm Diamond	Asphalt Over Concrete	99944700015	12", 20 mm Diamond	Asphalt Over Concrete
99944700140	12", 25 mm Abrasive	Ductile Iron	99944700090	12", 20 mm Abrasive	Ductile Iron
99944700150	12", 25 mm Abrasive	Metal	99944700100	12", 20 mm Abrasive	Metal
99944700014	14", 25 mm Diamond	General Purpose	99944700013	14", 20 mm Diamond	General Purpose
99944700058	14", 25 mm Abrasive	Concrete	99944700057	14", 20 mm Abrasive	Concrete
99944700054	14", 25 mm Abrasive	Asphalt	99944700053	14", 20 mm Abrasive	Asphalt
99944700018	14", 25 mm Diamond	Asphalt Over Concrete	99944700017	14", 20 mm Diamond	Asphalt Over Concrete
99944700064	14", 25 mm Abrasive	Ductile Iron	99944700063	14", 20 mm Abrasive	Ductile Iron
99944700068	14", 25 mm Abrasive	Metal	99944700067	14", 20 mm Abrasive	Metal

*Note: 14" wheels can be used on the CSG-680 only.

CUT-OFF SAW ACCESSORIES

Part Number	Description
99944700181	Water Kit
99944700191	Storage Case
99944700200	25 mm Wheel Adapter Kit — Operate 25 mm wheels on 20 mm arbor
61102207061	25 mm Abrasive Wheel Adapter

ECHO Quality
Backed by an
Extensive Warranty



ECHO's Cut-Off Saws feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

EA-500

State-of-the-art 51.7 cc engine makes the earth auger a must for any digging operation.

- Designed for a wide variety of auger diameters
- Available auger lengths: 34" (881 mm) or 36" (925 mm)
- Heavy-duty handle and frame assembly reduces vibration for greater operator comfort

ICE CAPABLE

- Turns into a powerful ice auger for year-round use
- Drills through snow and ice quickly, cleanly
- 8" and 10" ice augers available



POWER BLEND X XTENDED LIFE OIL

FREE BOTTLE OF ECHO POWER BLEND[®] XTENDED LIFE[™] OIL WITH EVERY EARTH AUGER

Throttle lock-out for added safety



30.1 : 1 gear ratio for fast cutting speeds

ECHO exclusive Pro-Fire[®] electronic ignition

Padded handle for additional operator comfort

Additional handle allows for two-person operation

Heavy-duty air filtration system



Shock-absorbing spring standard on 6", 8" and 10" augers

EARTH AUGER

ECHO Quality Backed by an Extensive Warranty



The ECHO Earth Auger features a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

HEAVY-DUTY ASK ANY PRO

EARTH AUGER ACCESSORIES

Part Number	Description
99944900150	2" Earth Auger w/Point (36" L)
99944900160	3" Earth Auger w/Point (36" L)
99944900170	4" Earth Auger w/Point (36" L)
99944900180	6" Earth Auger w/Point & Spring (34" L)
99944900190	8" Earth Auger w/Point & Spring (34" L)
99944900200	10" Earth Auger w/Point & Spring (34" L)
99944900335	Earth Auger Adapter w/Spring
99944900210	18" Extension Shaft - 7/8" dia.
99944900220	12" Extension Shaft - 7/8" dia.
99944900230	4" Replacement Blade - Earth Auger
99944900240	6" Replacement Blade - Earth Auger
99944900250	8" Replacement Blade - Earth Auger
99944900260	10" Replacement Blade - Earth Auger
99944900300	8" Replacement Blade - Ice Auger
99944900310	10" Replacement Blade - Ice Auger
99944900270	2" Replacement Point - Earth Auger
99944900370	1" Replacement Point - Earth Auger
99944900275	Replacement Point - Ice Auger
99944900280	8" Ice Auger Dual Blade
99944900290	10" Ice Auger Dual Blade

Auger diameter range - from 2" to 10" (sold separately)



Replacement point



EARTH AUGER SPECIFICATIONS

Model	Engine Displacement (cc)	Carburetor	Maximum Torque at Engine [†]	Maximum Torque at Auger [†]	Fuel Capacity (fl. oz.)	RPM [‡]	Dry Weight [§] (lb)
EA-500	51.7	Diaphragm w/Purge Pump	1.89 ft/lb (2.56 Nm)	57.11 ft/lb (77.39 Nm)	37.2	230	22

† At maximum engine power. § Without auger.

EDR-260

Cordless convenience in a heavy-duty drill.

- Heavy-duty gear reduction converts engine power into tough drilling torque
- All-position diaphragm with purge pump carburetor allows operation at any angle
- 1/2" keyless chuck
- Reversible function

300
HOURS
LIFETIME

5
Year
Consumer
Warranty

ECHO Quality Backed by an Extensive Warranty

5
Year
Consumer
Warranty

ECHO Engine Drills feature a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.



The EDR-210 and EDR-260 offer a reversing feature for maximum operator convenience and versatility.

Heavy-duty keyless chuck holds up to 1/2" drill shank



Pro-Fire® electronic ignition for quick easy starts

Throttle lock-out prevents accidental drill bit rotation



Ergonomic front handle provides a comfortable grip for long hours of operation

Commercial-duty air filtration system

See-through fuel tank with 14 fl oz capacity (standard on all units)

Sturdy double rear support bracket

ENGINE DRILLS

CONVENIENT ASK ANY PRO

POWER BLEND^X
XTENDED LIFE™ OIL

FREE BOTTLE OF
ECHO POWER BLEND® XTENDED LIFE™ OIL
WITH EVERY ENGINE DRILL

DRILL ACCESSORIES

Part Number	Description	Diameter	Length
99944900010	Bulb and Plant Auger	2-1/2"	24"
99944900020	Bulb and Plant Auger	3"	24"
99944900040	Deep Root Feeding Auger	1-1/8"	24"
99944900060	Heavy-Duty Auger	3"	18"
99944900070	Gallon Pot Auger	7"	12"
99944900110	5-10 gal Paint Mixer	—	20"
99944900320	Keyless Chuck	—	—
C40000090	Heavy-Duty Front Handle	—	—
99944900140	Heavy-Duty Rear Support Stand*	—	—
60405105560	Heavy-Duty Chuck with Key	—	—

* Available for EDR-210 only.

DRILL SPECIFICATIONS

Model	Engine Displacement (cc)	Gear Reduction Ratio	RPM	Torque (ft. lb)	Maximum Chuck Diameter	Dry Weight* (lb)
EDR-210	21.2	17.1:1	0-450 Forward/Reverse	90	1/2" Standard	10.0
EDR-260	25.4	17.1:1	0-650 Forward/Reverse	110	1/2" Keyless	10.7

* Without drill bit.



Designed and Manufactured to Perform in the Most Adverse Conditions,

ECHO's WP-1000 Water Pump features an all-die-cast aluminum pump housing for light weight and durability. A quality pump delivers high flow output for professional-grade applications.



5 year
Consumer
Warranty

POWER BLEND^X
XTENDED LIFE OIL
FREE BOTTLE OF
ECHO POWER BLEND[®] XTENDED LIFE[™] OIL
WITH EVERY PUMP

ECHO Quality Backed by an Extensive Warranty

The ECHO Water Pump features a 5 year* consumer, 1 year commercial and 90 day rental warranty as well as a lifetime warranty on the ignition module.

*Visit www.echo-usa.com/5year to learn more.

WATER PUMP

RUGGED
ASK ANY PRO

WP-1000

Ideal for general purpose pumping, draining, filling, and lawn and garden irrigation.

- Discharges up to 28 gal. per min and 1,680 gal. per hr
- Cast iron volute for added durability
- 21.2 cc engine with Pro-Fire[®] electronic ignition
- Comes complete with intake hose and filter
- Maximum suction lift of 24.6'
- Total vertical discharge up to 95'

5 year
Consumer
Warranty

PUMP ACCESSORIES



Garden Hose Adapter
Part #38200512620



Suction Hose
Part #38201312620

PUMP SPECIFICATIONS

Model	Fuel Capacity (fl. oz.)	Run Time (min.)	Maximum Delivery (gal./min.)	Maximum Suction Lift (ft.)	Maximum Total Head (ft.)	Hose Size Inlet/Outlet (in.)	Dimensions (in.)	Dry Weight (lb)
WP-1000	14	40	28	24.6	95	1	12.5 L x 9.5 W x 12.5 H	12.3

ECHO POWER BLEND OIL

Ultimate, universal 2-stroke oil is manufactured exclusively for ECHO. As a result of extensive research, Power Blend® XTended Life™ Oil :

- Is a synthetic blend oil that's certified for use in all air-cooled, 2-stroke, outdoor power equipment engines
- Exceeds ISO-L-EGD and JASO M345/FD requirements
- Has superior cleaning capabilities
- Minimizes exhaust port blockage
- Protects against rust, wear and corrosion
- Provides low smoke emissions
- Contains a fuel stabilizer that doubles fuel life

POWER BLEND[®] XTENDED LIFE[™] OIL

FREE BOTTLE OF
ECHO POWER BLEND[®] XTENDED LIFE[™] OIL
WITH EVERY ENGINE POWERED PRODUCT



* ECHO's JASO M345/FD registration number.

ECHO POWER BLEND[®] ULTIMATE, UNIVERSAL 2-STROKE OIL

Part Number	Pre-Measured Container	Fuel Mix
6450000	2.6 fl. oz. (loose)	1 gal.
6450001	2.6 fl. oz. (6-pack)	1 gal.
6450002	5.2 fl. oz.	2 gal.
6450025	6.4 fl. oz.	2.5 gal.
6450005	13 fl. oz.	5 gal.
6450006	16 fl. oz.	6 gal.
6450051	1 gal. bottle	50 gal.
6450250	5 gal. pail	250 gal.
6452750	55 gal. drum	2,750 gal.
6450009	Oil measuring cup (4 fl. oz. capacity)	

To help ensure the performance and proper operation of your ECHO product, use only an oil which meets ISO-L-EGD standards and is JASO M345/FD registered. ECHO premium PowerBlend[®] XTended Life[™] oil is specifically formulated to meet these standards.



Exceeds ISO-L-EGD and JASO M345/FD requirements

ECHO OIL

ESSENTIAL ASK ANY PRO

ECHO Max Performance™ Bar and Chain Oil

Specially formulated with detergents, dispersants and tacifiers that provide extra protection against heat and dirt build-up, reduce wear and improve metal-to-metal lubrication. Especially beneficial for hi-revving chain saws and rescue saws.

Part #9998880052 1 gal. bottle



POWER BLEND[®] XTENDED PROTECTION LUBRICANT

ECHO XTended Protection™ Lubricant

ECHO Lubricant is a multi-function, lithium-based grease that provides long lasting protection in all ECHO gear cases and cables. It is virtually impervious to water washout and will not combine with water.



Part #91015 14 oz cartridge



Part #91014 8 oz tube



Part #91016 Grease gun (8 oz tube only)

ECHO Bar and Chain Oil

A special blend of lubricants and detergents that maximizes lubricity, reduces heat caused from bar and chain friction, minimizes resin build-up, and facilitates chip and dust removal.

Part #6459012 1 qt. bottle
Part #6459007 1 gal. bottle



ECHO®

Ask Any Pro!™



INVALUABLE
ASK ANY PRO



ACCESSORIES FOR CHAIN SAWS



Chain Saw Carry Bag

Durable nylon bag features compartments for oil and tools and a padded shoulder strap. Fits saws with up to 20" bars and chains.
Part #103942147



Camouflage Chain Saw Carry Bag

Durable nylon bag, in ADVANTAGE® MAX-4™ camo pattern for the outdoor enthusiast, features many compartments and a padded shoulder strap. Fits saws with up to 20" bars and chains.
Part #103942148



Chain Saw Case with Fixed Nose
Fits saws up to 20" bar and chain.
Part #99988801205



Chain Saw Case with Removable Nose
Fits saws up to 16" bar and chain.
Part #99988800207



QuikVent™/Cut-Off Saw Steel Case
Powder-coated, 18 gage steel case features 2 internal accessory compartments and fits all ECHO QuikVent and Cut-off Saw models.
31.5"L x 12.25"D x 16"H.
Part #99944700191



Helmet with Earmuffs
Part #103942160



Helmet only
Part #102922010
Visor Adapter only
Part #102922009
Steel Mesh Screen only
Part #102922011
Polycarbonate Face Shield only
Part #102922035

Four-point suspension system provides head, face and hearing protection in one unit.

- All components are designed for maximum comfort and protection
- Meets new OSHA logging regulations
- Noise Reduction Rating (NRR) of 22
- Replacement components are available

ACCESSORIES



20" Bar & Chain Scabbard
Part #89850308033



17" Bar & Chain Scabbard
Part #89850308032



Top Handle Chain Saw Debris Shield

Prevents small debris from entering the chain saw's air intake. The small, plastic shield easily attaches with a tab-catch system over the existing air intake area of the ECHO CS-330T, CS-330MX4 and CS-360T models.
Part #99988800307

ECHO Premium Protective Chaps

ECHO Premium Protective Chaps are manufactured using DuPont™ KEVLAR® material for superior strength and durability.



36" KEVLAR® Chain Saw Chaps
Part #103942143

40" KEVLAR® Chain Saw Chaps
Part #103942144

Safety Manuals and Videos

ECHO Safety Manuals are available in English, Spanish and French.

Pole Saw safety manual

Part #X752000000

Brushcutter/Trimmer/Clearing Saw safety manual

Part #X752000041

Hedge Trimmer safety manual

Part #89857008962

Chain Saw safety manual

Part #X752000020

Brushcutter/Trimmer safety overview video (VHS)

Part #99922202540

Hedge Trimmer safety overview video (VHS)

Part #99922202800

Pole Saw safety overview video (VHS)

Part #99922203100

Chain Saw safety overview video (VHS)

Part #99922203753

Hedge Trimmer Spanish safety video (VHS)

Part #99922203513

Brushcutter/Trimmer Spanish safety video (VHS)

Part #99922203508

QuikVent™ training in use video (VHS)

Part #99922203365

QuikVent™ sales video (VHS).

Part #99922203364

Chain Saw Spanish safety video (VHS)

Part #99922203765

Chain Saw Spanish safety video (DVD)

Part #99922203764

ECHO Safety Video (DVD)

Part #99922203905

ECHO Spanish Safety Video (DVD)

Part #99922203909



ACCESSORIES



ECHO Safety Glasses

ECHO safety glasses are lightweight and impact resistant. Hard-coated optical-grade, abrasion resistant, polycarbonate lenses offer 99.9% protection from the most intense UV rays. Some models include side shields for increased user protection. All models meet applicable ANSI Z87.1-2003 performance criteria (except where noted).

Clear safety glasses.

Part #102922051



Black temple with smoke lens.

Part #102922054



Pro-II safety glasses.

Part #102922452



Wrap-around safety glasses.

Part #102922450



Black upper frame with smoke lens.

Part #102922053



ECHO apparel is available online at ECHO's eStore. Visit our web site and click the eStore tab to learn more.

Reusable Vinyl Earplugs with Case

The handy carrying case can be worn on your belt when not in use. Cleanup is easy with just warm water. ANSI and OSHA approved.
Part #103942210



Brushcutter System

With steel mesh visor and earmuffs, this system offers excellent face and ear protection while trimming or clearing brush.
Part #103942230



Adjustable Sun Hat

Light-weight, beige colored hat features adjustable elastic band and full head and neck sun protection.
Part #103942080



Hearing Protection

These light-weight earmuffs have an NRR of 22 dB(A) when used as directed and meet ANSI Standard 3.19.
Part #103942171



Shin Guards

Easy-on, easy-off design provides protection and helps keep pants clean. Washable vinyl outer shell.
Part #103942180



Equipment Bag

Convenient carryall for accessories includes plastic interior for carrying muddy boots and other items.
Part #103942145



ACCESSORIES

Criz-Croz Gloves

Knitted, bright orange gloves feature PVC criz-croz pattern for excellent grip. Reversible. Comfortable in hot, humid weather.
Part #103942190



Heavy-Duty Work Gloves

Feature heavy-duty leather palm and fingers. These gloves offer excellent hand and wrist protection from coarse debris. One size fits all.
Part #103942074



Sport/Landscape Gloves

Flexible nylon gloves with formfitting fingers and Velcro®-type wrist band for tight fit. Machine washable.
Part #103942194 (Medium)
Part #103942196 (Large)
Part #103942197 (XLarge)



Vibration-Reducing Sport/Landscape Gloves

Premium, padded leather palm gloves help reduce vibration. Also feature formfitting fingers and Velcro®-type wrist band for tight fit.
Part #103942195 (Medium)
Part #103942198 (Large)
Part #103942199 (XLarge)



Sure Grip Jersey Gloves

Cotton gloves with rubberized palms offer secure fit and solid grip.
Part #103942192

Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.



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